API Well Number: 43013524430000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
GMBU 115-6-9-17

2. TYPE OF WORK
DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
MONUMENT BUTTE

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

8. ADDRESS OF OPERATOR
Rt 3 Box 3630 , Myton, UT, 84052

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU-020252A

11. MINERAL OWNERSHIP
FEDERAL ● INDIAN ○ STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ● INDIAN ○ STATE ○ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ●

19. SLANT
VERTICAL ○ DIRECTIONAL ● HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1841 FNL 954 FEL	SENE	6	9.0 S	17.0 E	S
Top of Uppermost Producing Zone	1947 FNL 1259 FEL	SENE	6	9.0 S	17.0 E	S
At Total Depth	2032 FNL 1536 FEL	SWNE	6	9.0 S	17.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
1536

23. NUMBER OF ACRES IN DRILLING UNIT
10

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
483

26. PROPOSED DEPTH
MD: 6298 TVD: 6264

27. ELEVATION - GROUND LEVEL
5310

28. BOND NUMBER
WYB000493

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 6298	15.5	J-55 LT&C	8.3	Premium Lite High Strength	297	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Mandie Crozier | **TITLE** Regulatory Tech | **PHONE** 435 646-4825

SIGNATURE | **DATE** 08/28/2013 | **EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013524430000

APPROVAL

Permit Manager

RECEIVED: September 17, 2013

NEWFIELD PRODUCTION COMPANY
GMBU 115-6-9-17
AT SURFACE: SE/NE SECTION 6, T9S R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1,495'
Green River	1,495'
Wasatch	6,230'
Proposed TD	6,298'(MD) 6, 264' (TVD)

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1,495' – 6,230'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

RECEIVED: August 28, 2013

4. *PROPOSED CASING PROGRAM*

a. Casing Design: GMBU 115-6-9-17

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,298'	15.5	J-55	LTC	4,810 2.40	4,040 2.02	217,000 2.22

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU 115-6-9-17

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,298'	Prem Lite II w/ 10% gel + 3% KCl	297 968	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

RECEIVED: August 28, 2013

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2014, and take approximately seven (7) days from spud to rig release.

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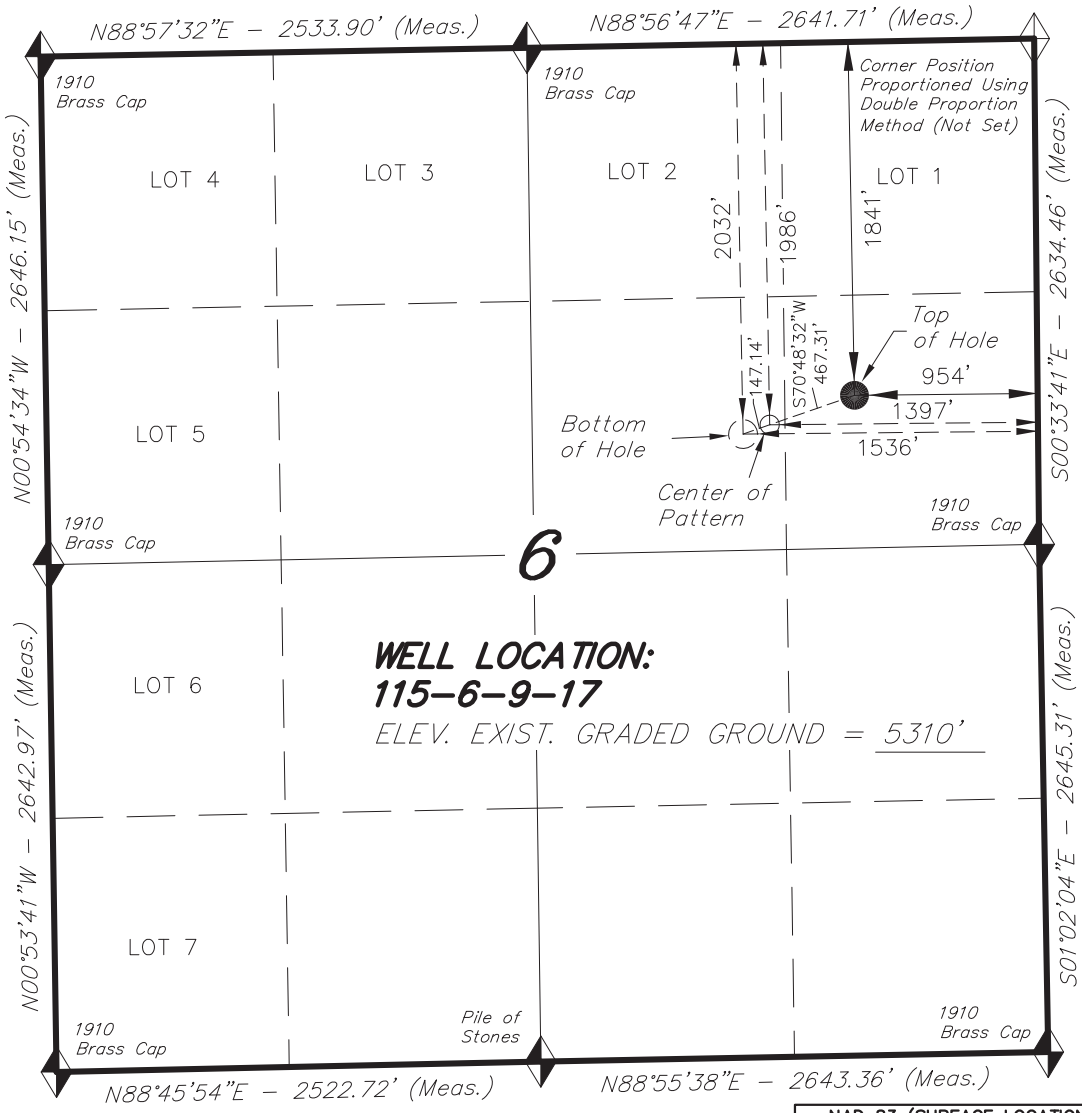
API Well Number: 43013524430000

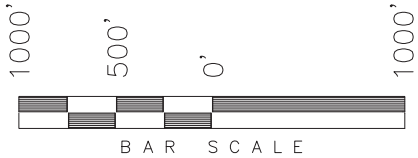
T9S, R17E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 115-6-9-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 6, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 115-6-9-17, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 6, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Bottom of Hole bears S70°48'32"W 614.45' from the Top of Hole.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 07-02-13 STACY W. STEWART STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

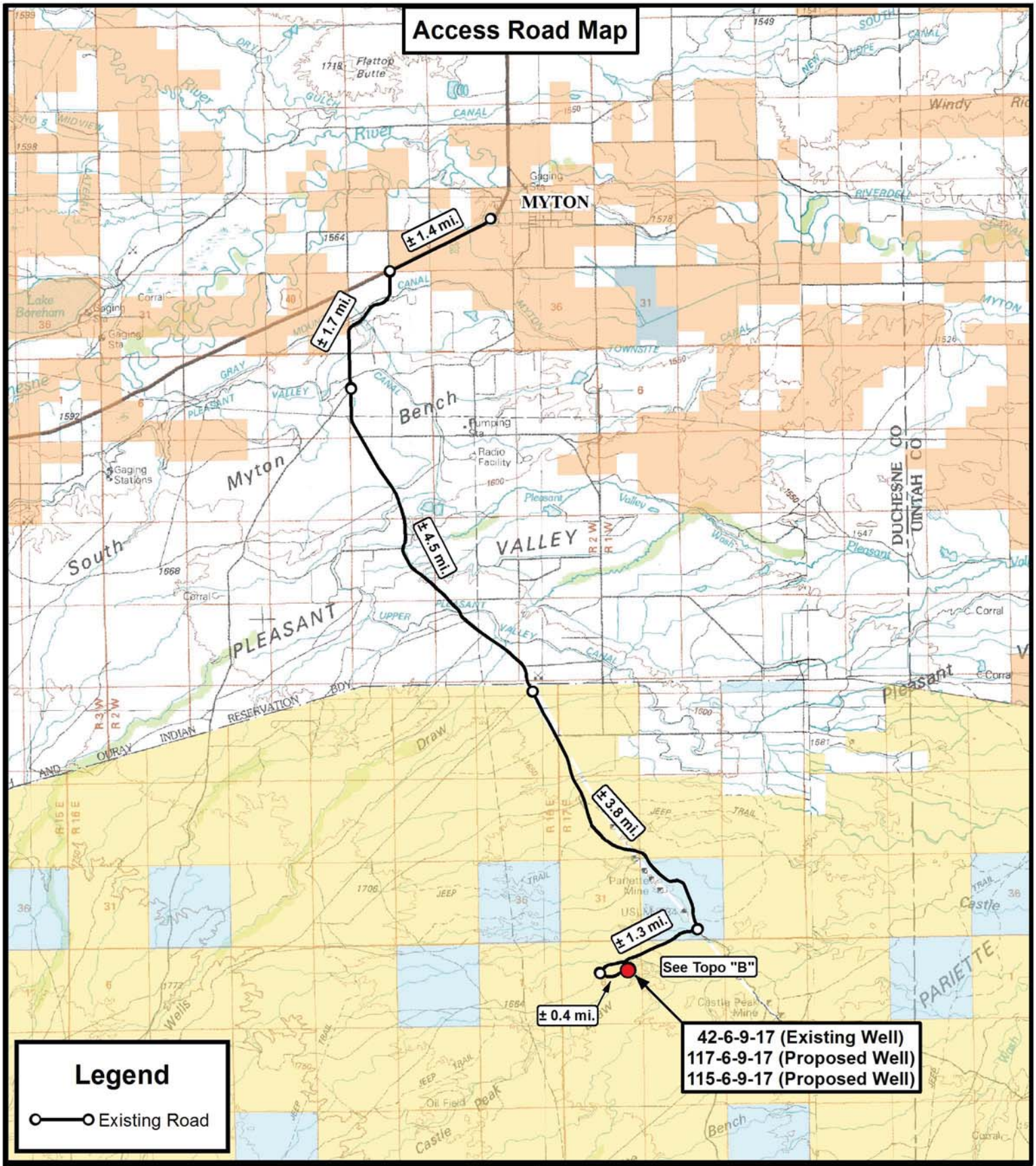
NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°03'43.48"	LONGITUDE = 110°02'35.90"
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°03'43.61"	LONGITUDE = 110°02'33.36"
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°03'42.03"	LONGITUDE = 110°02'41.61"
LATITUDE = 40°03'41.58"	LONGITUDE = 110°02'43.40"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°03'42.17"	LONGITUDE = 110°02'39.07"
LATITUDE = 40°03'41.71"	LONGITUDE = 110°02'40.86"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-04-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 07-02-13	DRAWN BY: F.T.M.	V2
REVISED:	SCALE: 1" = 1000'	

RECEIVED: August 28, 2013

API Well Number: 43013524430000



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P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

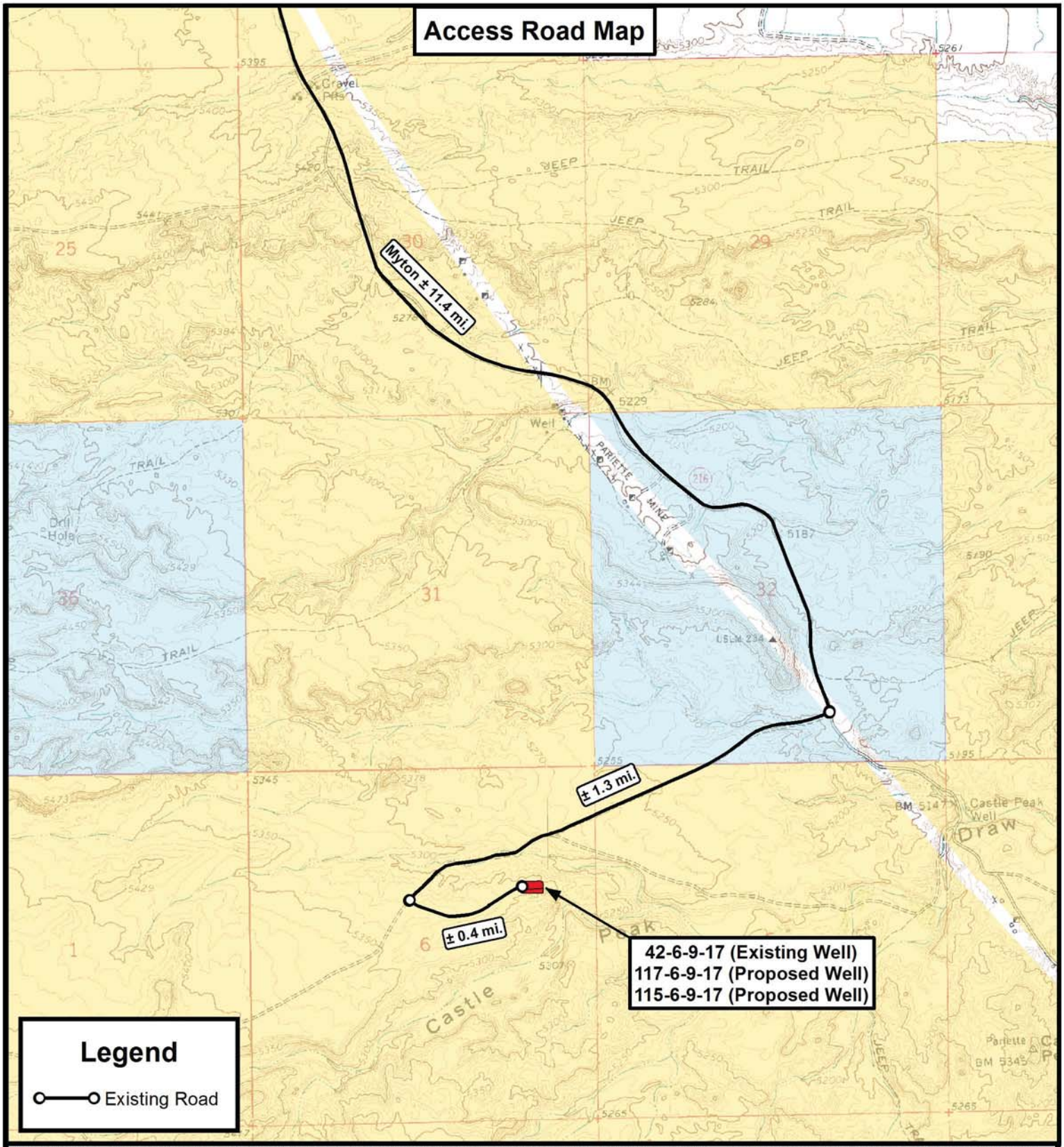
42-6-9-17 (Existing Well)
117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)
Sec. 6, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	07-02-2013		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013524430000



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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NEWFIELD EXPLORATION COMPANY

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115-6-9-17 (Proposed Well)
Sec. 6, T9S, R17E, S.L.B.&M. Duchesne County, UT.

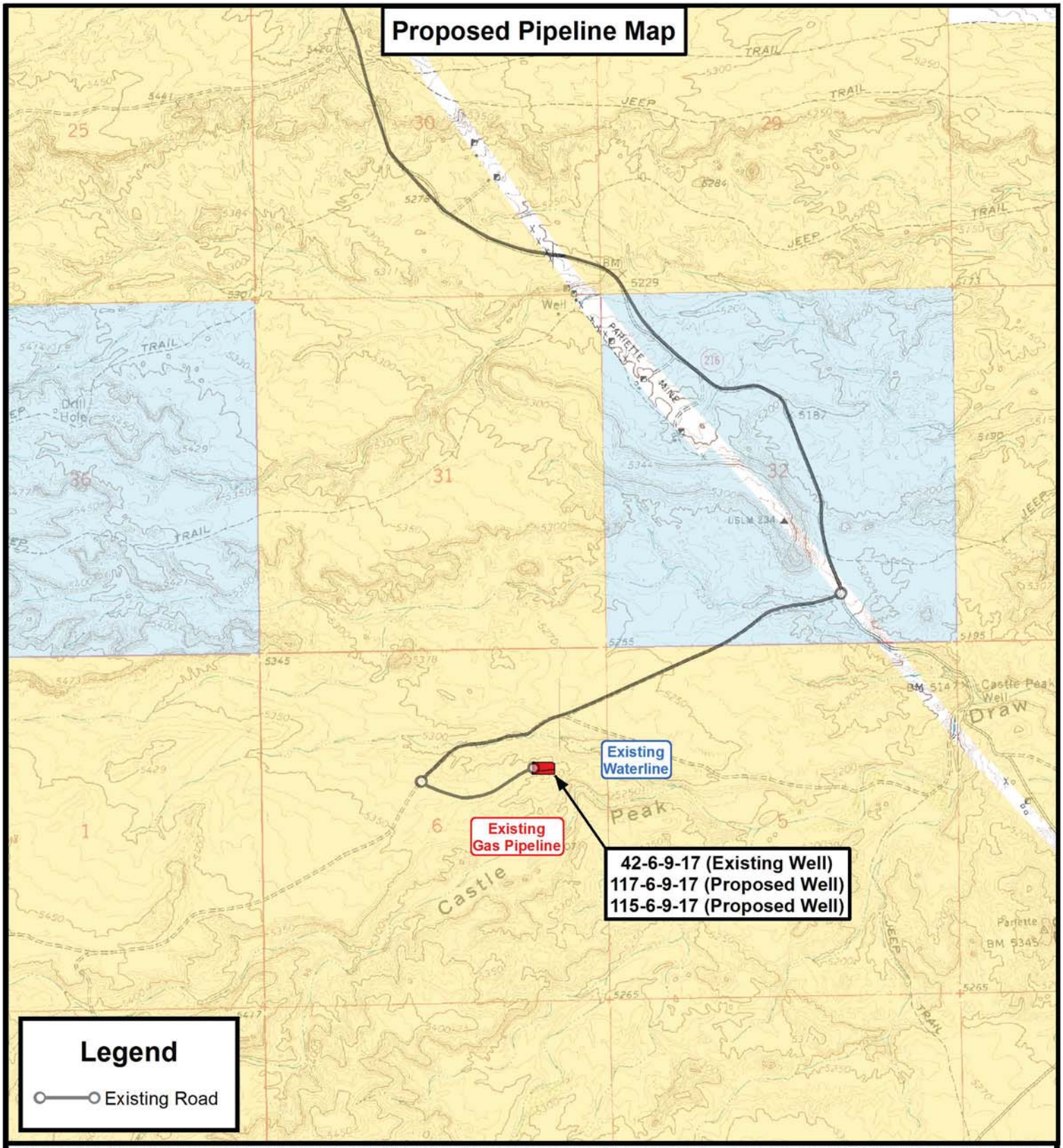
DRAWN BY:	A.P.C.	REVISED: 07-02-13 A.P.C.	VERSION:
DATE:	05-15-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013524430000

Proposed Pipeline Map



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NEWFIELD EXPLORATION COMPANY

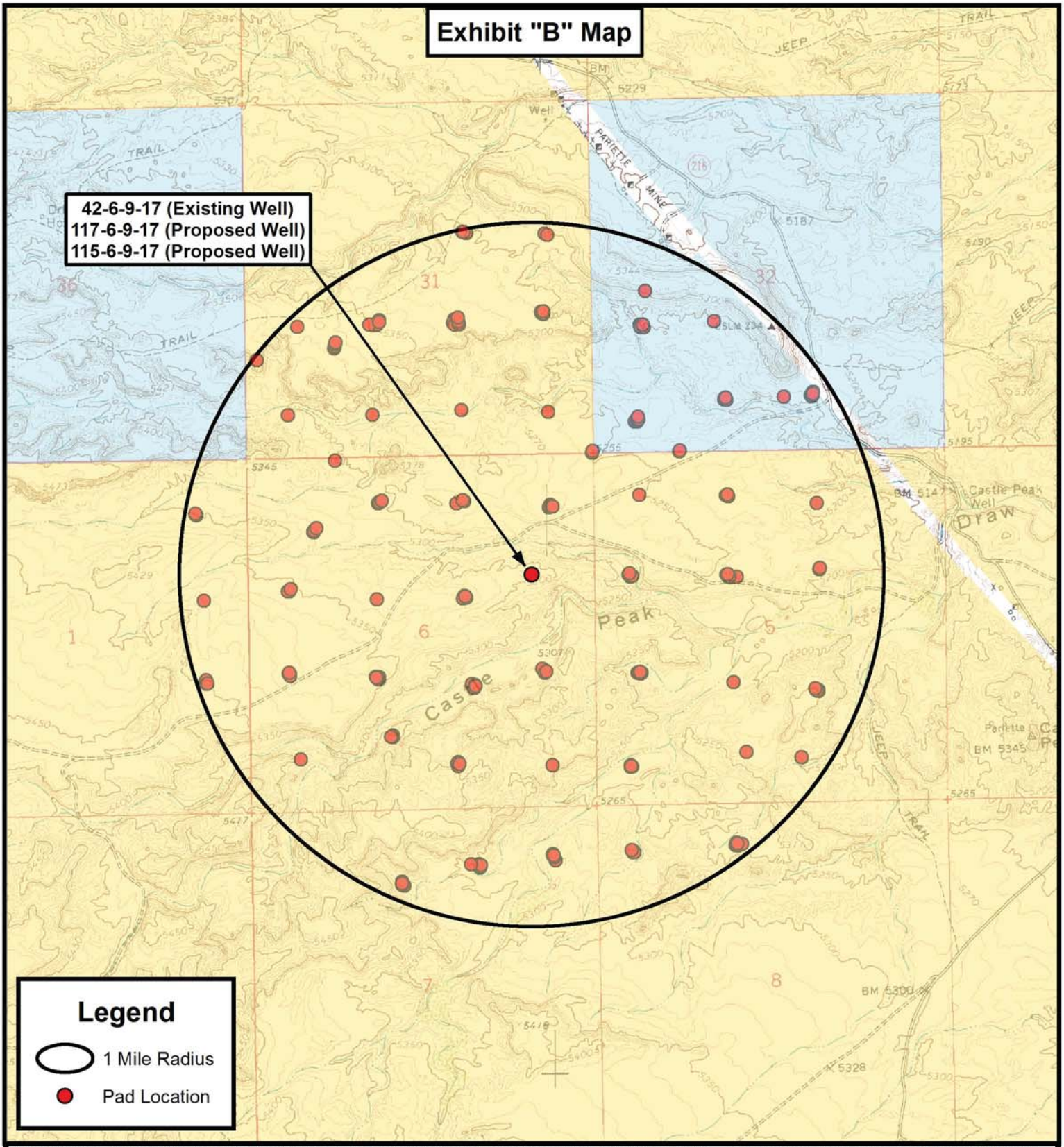
42-6-9-17 (Existing Well)
117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)
Sec. 6, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 07-02-13 A.P.C.	VERSION:
DATE:	05-15-2013		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013524430000



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N

NEWFIELD EXPLORATION COMPANY

42-6-9-17 (Existing Well)
117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)
Sec. 6, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	07-02-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013524430000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
42-6-9-17	Surface Hole	40° 03' 43.86" N	110° 02' 35.50" W
J-6-9-17	Surface Hole	40° 03' 44.03" N	110° 02' 35.30" W
117-6-9-17	Surface Hole	40° 03' 43.62" N	110° 02' 35.70" W
115-6-9-17	Surface Hole	40° 03' 43.48" N	110° 02' 35.90" W
117-6-9-17	Center of Pattern	40° 03' 36.03" N	110° 02' 32.49" W
115-6-9-17	Center of Pattern	40° 03' 42.03" N	110° 02' 41.61" W
117-6-9-17	Bottom of Hole	40° 03' 34.06" N	110° 02' 31.65" W
115-6-9-17	Bottom of Hole	40° 03' 41.58" N	110° 02' 43.40" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
42-6-9-17	Surface Hole	40.062184	110.043194
J-6-9-17	Surface Hole	40.062229	110.043139
117-6-9-17	Surface Hole	40.062117	110.043251
115-6-9-17	Surface Hole	40.062077	110.043306
117-6-9-17	Center of Pattern	40.060008	110.042358
115-6-9-17	Center of Pattern	40.061676	110.044891
117-6-9-17	Bottom of Hole	40.059461	110.042126
115-6-9-17	Bottom of Hole	40.061549	110.045390

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
42-6-9-17	Surface Hole	4435097.649	581599.204
J-6-9-17	Surface Hole	4435102.699	581603.866
117-6-9-17	Surface Hole	4435090.137	581594.447
115-6-9-17	Surface Hole	4435085.670	581589.777
117-6-9-17	Center of Pattern	4434856.876	581673.107
115-6-9-17	Center of Pattern	4435039.621	581455.077
117-6-9-17	Bottom of Hole	4434796.385	581693.505
115-6-9-17	Bottom of Hole	4435025.122	581412.664

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
42-6-9-17	Surface Hole	40° 03' 44.00" N	110° 02' 32.96" W
J-6-9-17	Surface Hole	40° 03' 44.16" N	110° 02' 32.76" W
117-6-9-17	Surface Hole	40° 03' 43.76" N	110° 02' 33.16" W
115-6-9-17	Surface Hole	40° 03' 43.61" N	110° 02' 33.36" W
117-6-9-17	Center of Pattern	40° 03' 36.16" N	110° 02' 29.95" W
115-6-9-17	Center of Pattern	40° 03' 42.17" N	110° 02' 39.07" W
117-6-9-17	Bottom of Hole	40° 03' 34.20" N	110° 02' 29.12" W
115-6-9-17	Bottom of Hole	40° 03' 41.71" N	110° 02' 40.86" W

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NEWFIELD EXPLORATION COMPANY

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117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)
Sec. 6, T9S, R17E, S.L.B.&M. Duchesne County, UT.

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DATE:	07-02-2013		
VERSION:	V2		

COORDINATE REPORT

SHEET 1

RECEIVED: August 28, 2013

API Well Number: 43013524430000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
42-6-9-17	Surface Hole	40.062222	110.042488
J-6-9-17	Surface Hole	40.062267	110.042433
117-6-9-17	Surface Hole	40.062155	110.042545
115-6-9-17	Surface Hole	40.062115	110.042600
117-6-9-17	Center of Pattern	40.060046	110.041652
115-6-9-17	Center of Pattern	40.061713	110.044186
117-6-9-17	Bottom of Hole	40.059499	110.041421
115-6-9-17	Bottom of Hole	40.061587	110.044685

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
42-6-9-17	Surface Hole	4434892.326	581661.472
J-6-9-17	Surface Hole	4434897.376	581666.134
117-6-9-17	Surface Hole	4434884.814	581656.715
115-6-9-17	Surface Hole	4434880.347	581652.046
117-6-9-17	Center of Pattern	4434651.553	581735.378
115-6-9-17	Center of Pattern	4434834.298	581517.344
117-6-9-17	Bottom of Hole	4434591.062	581755.777
115-6-9-17	Bottom of Hole	4434819.799	581474.932

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Sec. 6, T9S, R17E, S.L.B.&M. Duchesne County, UT.

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VERSION:	V2		

COORDINATE REPORT

SHEET 2

RECEIVED: August 28, 2013

API Well Number: 43013524430000

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 6 T9S, R17E
115-6-9-17

Wellbore #1

Plan: Design #1

Standard Planning Report

27 June, 2013

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NEWFIELD

Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 115-6-9-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	115-6-9-17 @ 5320.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	115-6-9-17 @ 5320.0ft (Original Well Elev)
Site:	SECTION 6 T9S, R17E	**North Reference:**	True
Well:	115-6-9-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 6 T9S, R17E

Site Position:		**Northing:**	7,195,000.00 ft	**Latitude:**	40° 3' 47.061 N
From:	Lat/Long	**Easting:**	2,047,000.00 ft	**Longitude:**	110° 2' 50.009 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.93 °

Well 115-6-9-17, SHL LAT: 40 03 43.48 LONG: -110 02 35.90

Well Position	**+N/-S**	-362.3 ft	**Northing:**	7,194,655.58 ft	**Latitude:**	40° 3' 43.480 N
	+E/-W	1,096.9 ft	**Easting:**	2,048,102.68 ft	**Longitude:**	110° 2' 35.900 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,320.0 ft	**Ground Level:**	5,310.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/27/2013	11.05	65.76	52,083

Design Design #1

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	250.81

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,028.9	6.43	250.81	1,028.0	-7.9	-22.7	1.50	1.50	0.00	250.81	
4,984.8	6.43	250.81	4,959.0	-153.6	-441.3	0.00	0.00	0.00	0.00	115-6-9-17 TGT
6,298.1	6.43	250.81	6,264.0	-202.0	-580.3	0.00	0.00	0.00	0.00	

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Site:	SECTION 6 T9S, R17E	**North Reference:**	True
Well:	115-6-9-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	250.81	700.0	-0.4	-1.2	1.3	1.50	1.50	0.00
800.0	3.00	250.81	799.9	-1.7	-4.9	5.2	1.50	1.50	0.00
900.0	4.50	250.81	899.7	-3.9	-11.1	11.8	1.50	1.50	0.00
1,000.0	6.00	250.81	999.3	-6.9	-19.8	20.9	1.50	1.50	0.00
1,028.9	6.43	250.81	1,028.0	-7.9	-22.7	24.1	1.50	1.50	0.00
1,100.0	6.43	250.81	1,098.7	-10.5	-30.2	32.0	0.00	0.00	0.00
1,200.0	6.43	250.81	1,198.0	-14.2	-40.8	43.2	0.00	0.00	0.00
1,300.0	6.43	250.81	1,297.4	-17.9	-51.4	54.4	0.00	0.00	0.00
1,400.0	6.43	250.81	1,396.8	-21.6	-62.0	65.6	0.00	0.00	0.00
1,500.0	6.43	250.81	1,496.1	-25.3	-72.6	76.8	0.00	0.00	0.00
1,600.0	6.43	250.81	1,595.5	-28.9	-83.2	88.0	0.00	0.00	0.00
1,700.0	6.43	250.81	1,694.9	-32.6	-93.7	99.3	0.00	0.00	0.00
1,800.0	6.43	250.81	1,794.2	-36.3	-104.3	110.5	0.00	0.00	0.00
1,900.0	6.43	250.81	1,893.6	-40.0	-114.9	121.7	0.00	0.00	0.00
2,000.0	6.43	250.81	1,993.0	-43.7	-125.5	132.9	0.00	0.00	0.00
2,100.0	6.43	250.81	2,092.4	-47.4	-136.1	144.1	0.00	0.00	0.00
2,200.0	6.43	250.81	2,191.7	-51.0	-146.6	155.3	0.00	0.00	0.00
2,300.0	6.43	250.81	2,291.1	-54.7	-157.2	166.5	0.00	0.00	0.00
2,400.0	6.43	250.81	2,390.5	-58.4	-167.8	177.7	0.00	0.00	0.00
2,500.0	6.43	250.81	2,489.8	-62.1	-178.4	188.9	0.00	0.00	0.00
2,600.0	6.43	250.81	2,589.2	-65.8	-189.0	200.1	0.00	0.00	0.00
2,700.0	6.43	250.81	2,688.6	-69.5	-199.6	211.3	0.00	0.00	0.00
2,800.0	6.43	250.81	2,787.9	-73.1	-210.1	222.5	0.00	0.00	0.00
2,900.0	6.43	250.81	2,887.3	-76.8	-220.7	233.7	0.00	0.00	0.00
3,000.0	6.43	250.81	2,986.7	-80.5	-231.3	244.9	0.00	0.00	0.00
3,100.0	6.43	250.81	3,086.1	-84.2	-241.9	256.1	0.00	0.00	0.00
3,200.0	6.43	250.81	3,185.4	-87.9	-252.5	267.3	0.00	0.00	0.00
3,300.0	6.43	250.81	3,284.8	-91.6	-263.1	278.5	0.00	0.00	0.00
3,400.0	6.43	250.81	3,384.2	-95.2	-273.6	289.7	0.00	0.00	0.00
3,500.0	6.43	250.81	3,483.5	-98.9	-284.2	300.9	0.00	0.00	0.00
3,600.0	6.43	250.81	3,582.9	-102.6	-294.8	312.1	0.00	0.00	0.00
3,700.0	6.43	250.81	3,682.3	-106.3	-305.4	323.3	0.00	0.00	0.00
3,800.0	6.43	250.81	3,781.6	-110.0	-316.0	334.6	0.00	0.00	0.00
3,900.0	6.43	250.81	3,881.0	-113.7	-326.5	345.8	0.00	0.00	0.00
4,000.0	6.43	250.81	3,980.4	-117.3	-337.1	357.0	0.00	0.00	0.00
4,100.0	6.43	250.81	4,079.8	-121.0	-347.7	368.2	0.00	0.00	0.00
4,200.0	6.43	250.81	4,179.1	-124.7	-358.3	379.4	0.00	0.00	0.00
4,300.0	6.43	250.81	4,278.5	-128.4	-368.9	390.6	0.00	0.00	0.00
4,400.0	6.43	250.81	4,377.9	-132.1	-379.5	401.8	0.00	0.00	0.00
4,500.0	6.43	250.81	4,477.2	-135.7	-390.0	413.0	0.00	0.00	0.00
4,600.0	6.43	250.81	4,576.6	-139.4	-400.6	424.2	0.00	0.00	0.00
4,700.0	6.43	250.81	4,676.0	-143.1	-411.2	435.4	0.00	0.00	0.00
4,800.0	6.43	250.81	4,775.4	-146.8	-421.8	446.6	0.00	0.00	0.00
4,900.0	6.43	250.81	4,874.7	-150.5	-432.4	457.8	0.00	0.00	0.00
4,984.8	6.43	250.81	4,959.0	-153.6	-441.3	467.3	0.00	0.00	0.00
5,000.0	6.43	250.81	4,974.1	-154.2	-443.0	469.0	0.00	0.00	0.00
5,100.0	6.43	250.81	5,073.5	-157.8	-453.5	480.2	0.00	0.00	0.00

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Site:	SECTION 6 T9S, R17E	**North Reference:**	True
Well:	115-6-9-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	6.43	250.81	5,172.8	-161.5	-464.1	491.4	0.00	0.00	0.00
5,300.0	6.43	250.81	5,272.2	-165.2	-474.7	502.6	0.00	0.00	0.00
5,400.0	6.43	250.81	5,371.6	-168.9	-485.3	513.8	0.00	0.00	0.00
5,500.0	6.43	250.81	5,470.9	-172.6	-495.9	525.0	0.00	0.00	0.00
5,600.0	6.43	250.81	5,570.3	-176.3	-506.4	536.2	0.00	0.00	0.00
5,700.0	6.43	250.81	5,669.7	-179.9	-517.0	547.4	0.00	0.00	0.00
5,800.0	6.43	250.81	5,769.1	-183.6	-527.6	558.7	0.00	0.00	0.00
5,900.0	6.43	250.81	5,868.4	-187.3	-538.2	569.9	0.00	0.00	0.00
6,000.0	6.43	250.81	5,967.8	-191.0	-548.8	581.1	0.00	0.00	0.00
6,100.0	6.43	250.81	6,067.2	-194.7	-559.4	592.3	0.00	0.00	0.00
6,200.0	6.43	250.81	6,166.5	-198.4	-569.9	603.5	0.00	0.00	0.00
6,298.1	6.43	250.81	6,264.0	-202.0	-580.3	614.5	0.00	0.00	0.00

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API Well Number: 43013524430000

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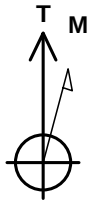
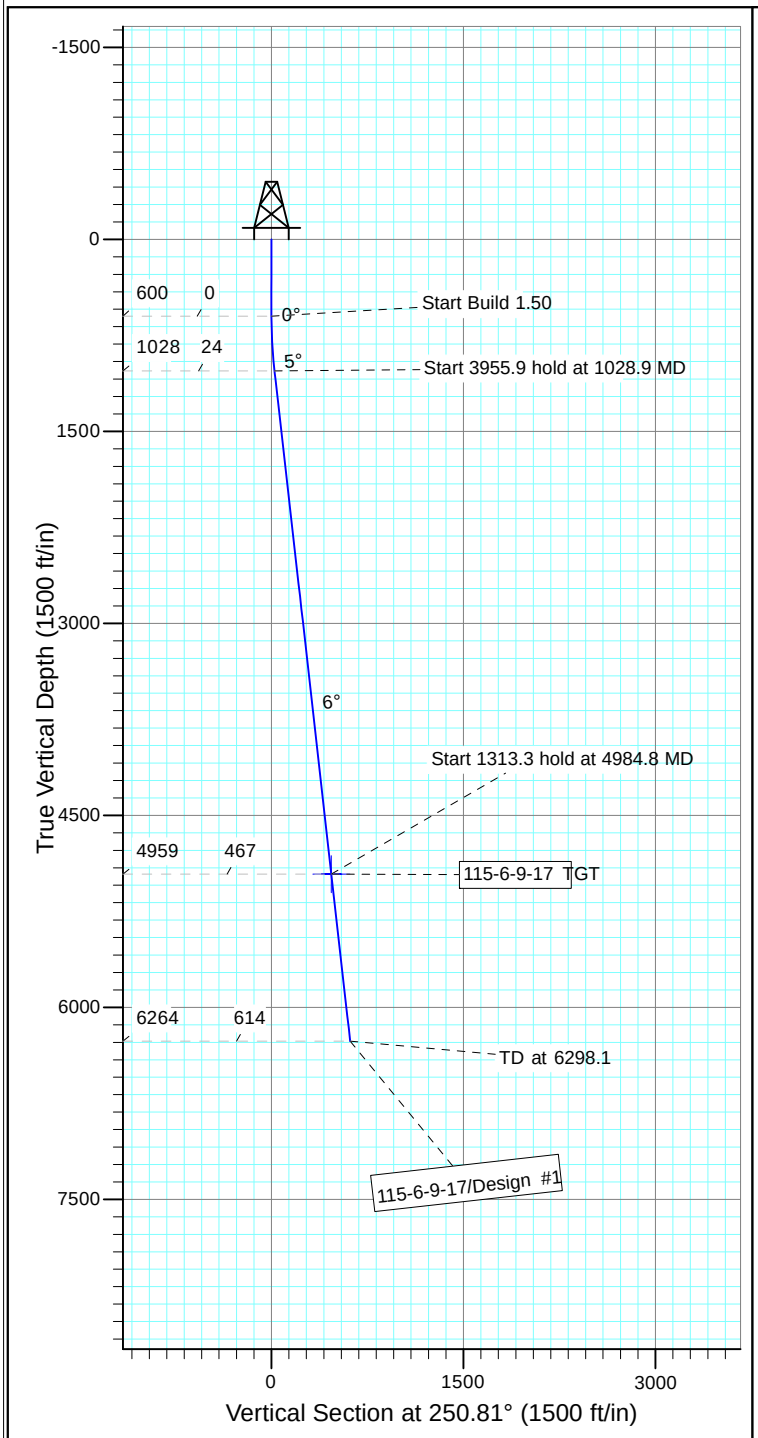
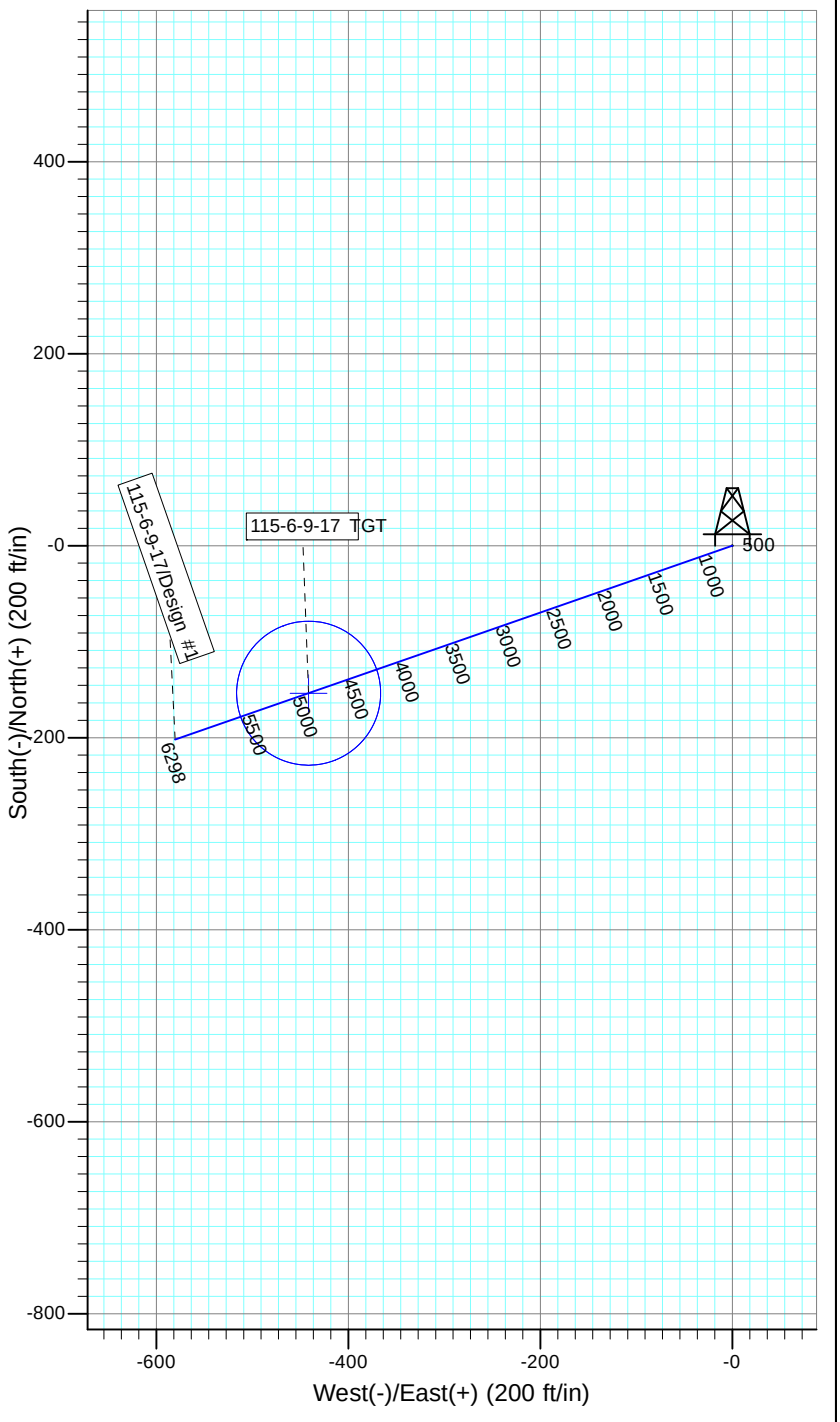
Project: USGS Myton SW (UT)
Site: SECTION 6 T9S, R17E
Well: 115-6-9-17
Wellbore: Wellbore #1
Design: Design #1



Azimuths to True North
Magnetic North: 11.05°

Magnetic Field
Strength: 52083.1snT
Dip Angle: 65.76°
Date: 6/27/2013
Model: IGRF2010





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
115-6-9-17 TGT	4959.0	-153.6	-441.3	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1028.9	6.43	250.81	1028.0	-7.9	-22.7	1.50	250.81	24.1	
4	4984.8	6.43	250.81	4959.0	-153.6	-441.3	0.00	0.00	467.3	115-6-9-17 TGT
5	6298.1	6.43	250.81	6264.0	-202.0	-580.3	0.00	0.00	614.5	

NEWFIELD PRODUCTION COMPANY
GMBU 115-6-9-17
AT SURFACE: SE/NE SECTION 6, T9S R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU 115-6-9-17 located in the SE 1/4 NE 1/4 Section 6, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction – 10.0 miles ± to it's junction with an existing road to the southwest; proceed in a southwesterly direction – 1.3 miles ± to it's junction with an existing road to the southeast; proceed in a easterly direction – 0.4 miles ± to it's junction with the beginning of the access road to the existing 42-6-9-17 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 42-6-9-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

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Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-7478

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

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There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

a) All pits will be fenced or have panels installed consistent with the following minimum standards:

1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times

3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE**:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. ***SURFACE OWNERSHIP*** – Bureau of Land Management.

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-153, 7/25/13, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade E. Miller, 6/17/13. See attached report cover pages, Exhibit “D”.

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Water Disposal
After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration
Newfield Production Company guarantees that during the drilling and completion of the GMBU 115-6-9-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU 115-6-9-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative
Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #115-6-9-17, Section 6, Township 9S, Range 17E: Lease UTU-020252A Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

Mandie Crozier

Digitally signed by Mandie Crozier
DN: cn=Mandie Crozier, o=Newfield Production, ou=Regulatory Analyst, email=mcrozier@newfield.com, c=US
Date: 2013.08.27 14:10:09 -06'00'

8/20/13
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

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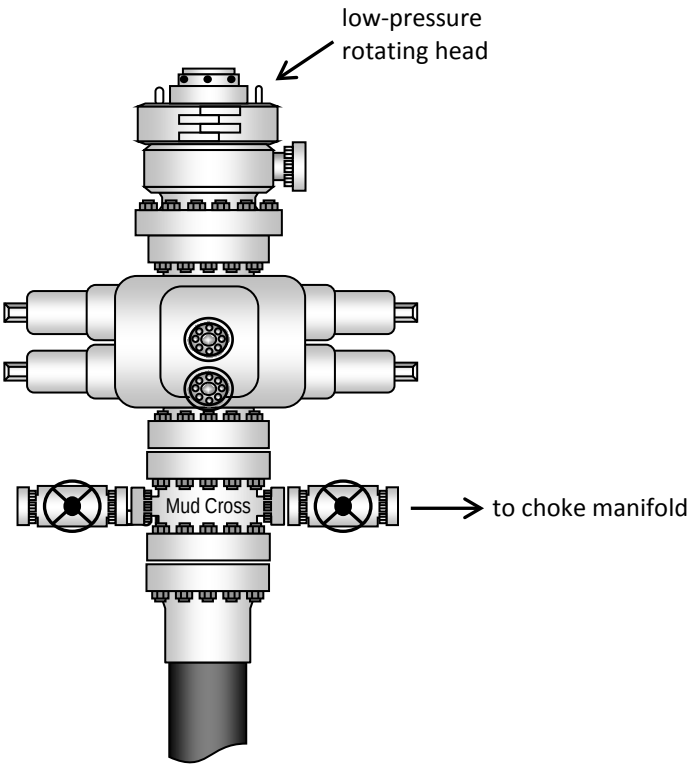
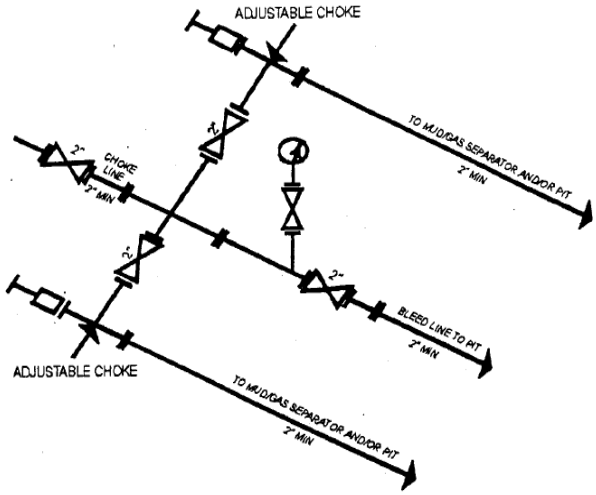
Typical 2M BOP stack configuration





2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

RECEIVED: August 28, 2013

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

42-6-9-17 (Existing Well)
117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)

Pad Location: SENE Section 6, T9S, R17E, S.L.B.&M.

TOP HOLE FOOTAGES

117-6-9-17
1826' FNL & 938' FEL

115-6-9-17
1841' FNL & 954' FEL

BOTTOM HOLE FOOTAGES

117-6-9-17
2485' FSL & 619' FEL

115-6-9-17
2032' FNL & 1536' FEL

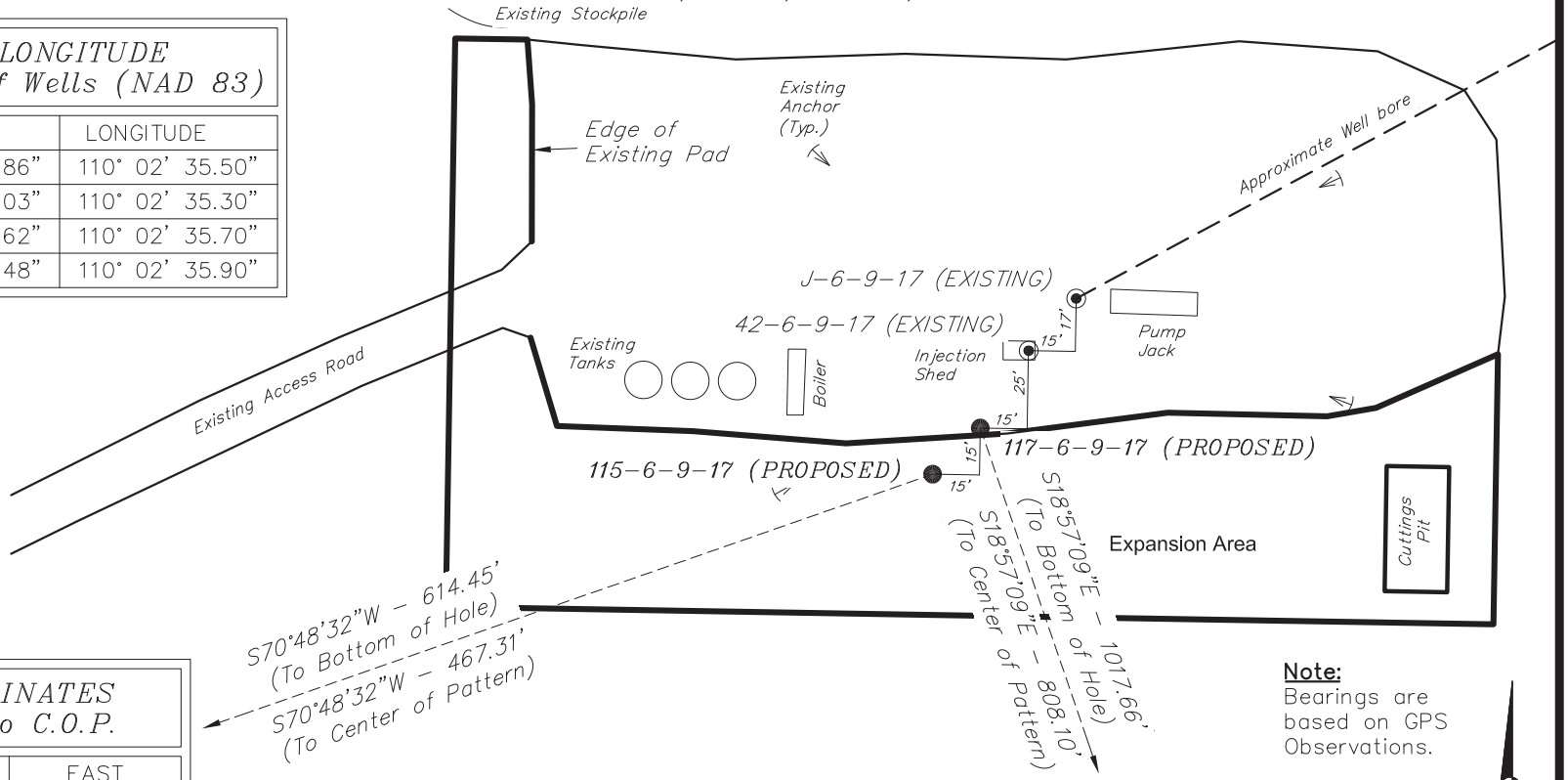
CENTER OF PATTERN FOOTAGES

117-6-9-17
2595' FNL & 683' FEL

115-6-9-17
1986' FNL & 1397' FEL

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
42-6-9-17	40° 03' 43.86"	110° 02' 35.50"
J-6-9-17	40° 03' 44.03"	110° 02' 35.30"
117-6-9-17	40° 03' 43.62"	110° 02' 35.70"
115-6-9-17	40° 03' 43.48"	110° 02' 35.90"



Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From Top Hole to C.O.P.

WELL	NORTH	EAST
117-6-9-17	-764'	262'
115-6-9-17	-154'	-441'

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
117-6-9-17	-962'	331'
115-6-9-17	-202'	-580'

LATITUDE & LONGITUDE
Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE
117-6-9-17	40° 03' 36.03"	110° 02' 32.49"
115-6-9-17	40° 03' 42.03"	110° 02' 41.61"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
117-6-9-17	40° 03' 34.06"	110° 02' 31.65"
115-6-9-17	40° 03' 41.58"	110° 02' 43.40"

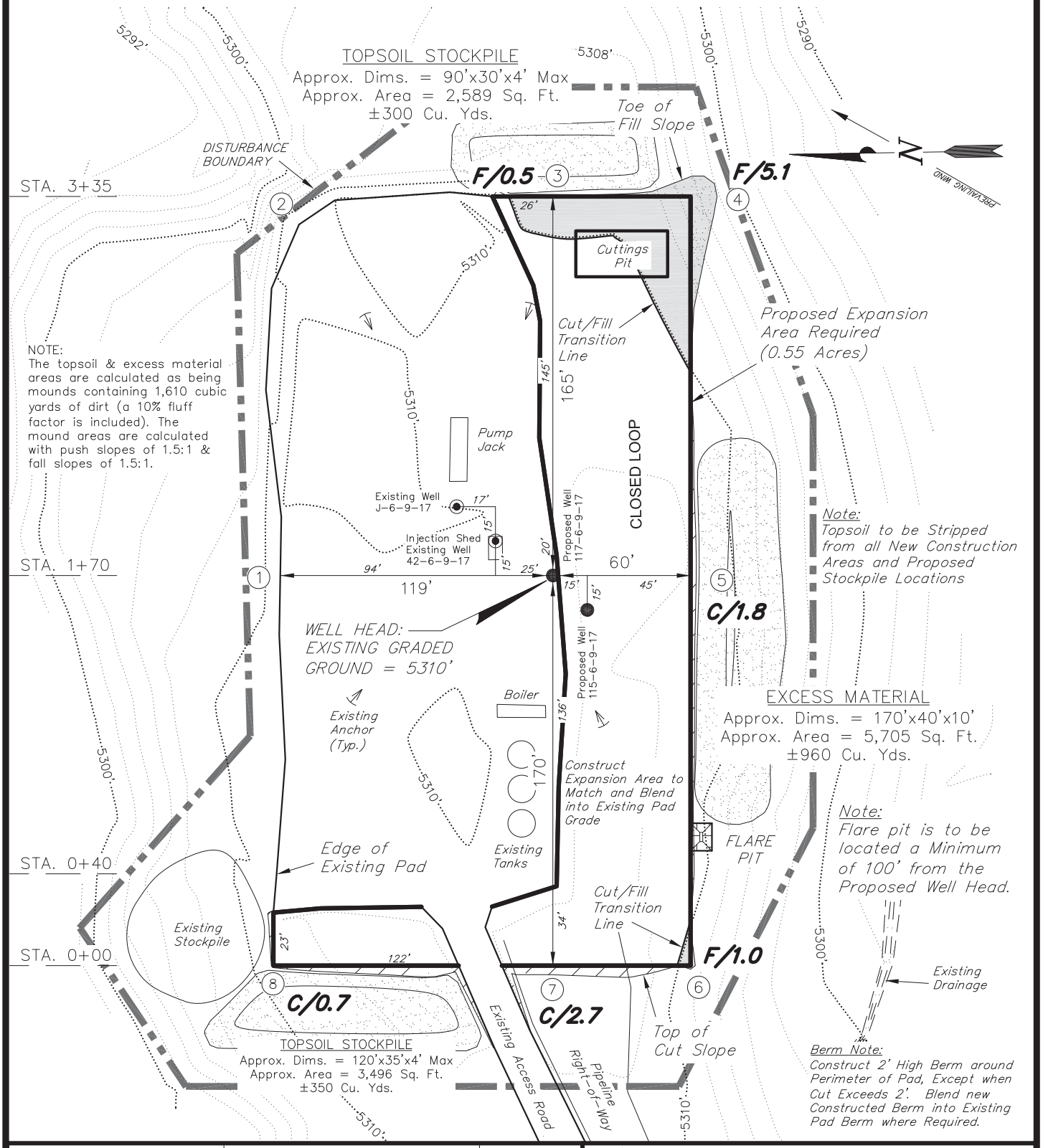
SURVEYED BY: S.H.	DATE SURVEYED: 05-04-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 07-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

42-6-9-17 (Existing Well)
117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)

Pad Location: SENE Section 6, T9S, R17E, S.L.B.&M.



SURVEYED BY: S.H.	DATE SURVEYED: 05-04-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 05-15-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 07-02-13		

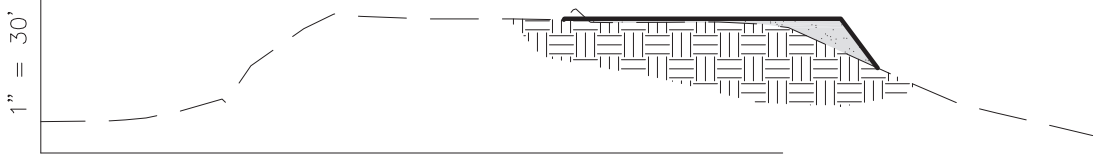
RECEIVED: August 28, 2013

NEWFIELD EXPLORATION COMPANY

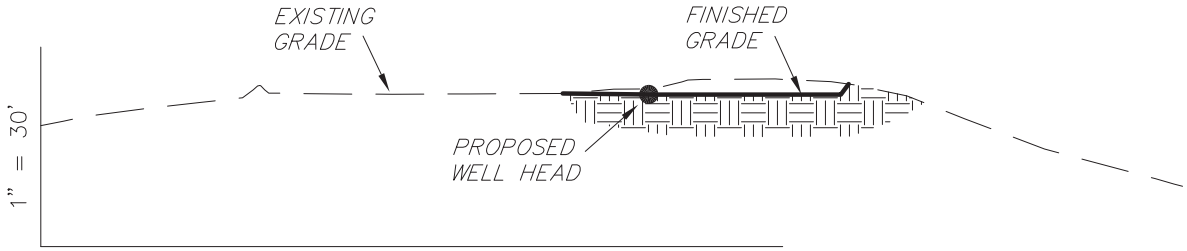
CROSS SECTIONS

42-6-9-17 (Existing Well)
117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)

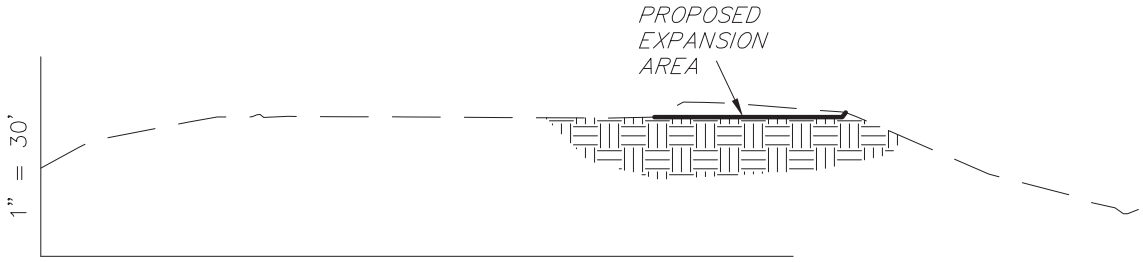
Pad Location: SENE Section 6, T9S, R17E, S.L.B.&M.



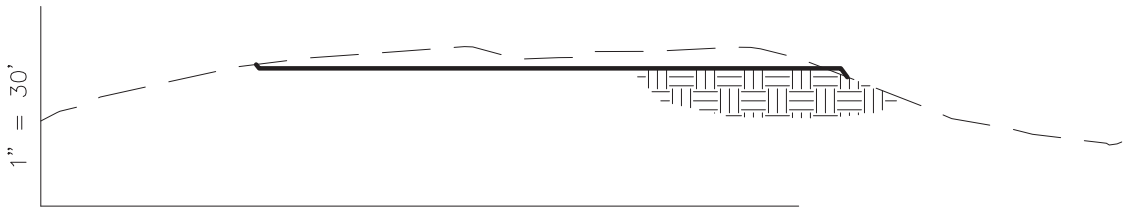
STA. 3+35



STA. 1+70



STA. 0+40



STA. 0+00

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	970	100	Topsoil is not included in Pad Cut	870
PIT	N/A	N/A		N/A
TOTALS	970	100	590	870

SURVEYED BY: S.H.	DATE SURVEYED: 05-04-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 07-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

RECEIVED: August 28, 2013

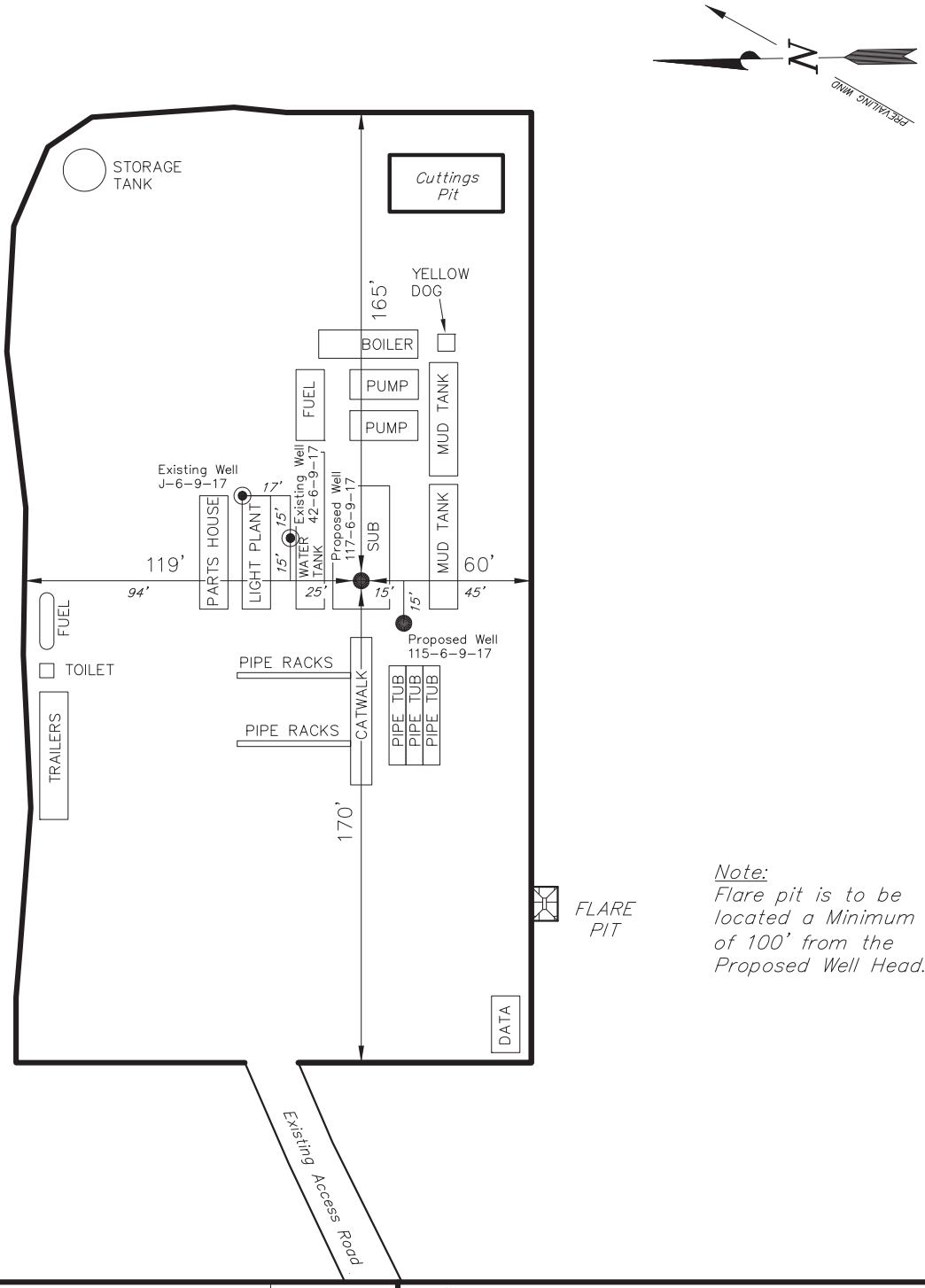
API Well Number: 43013524430000

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

42-6-9-17 (Existing Well)
117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)

Pad Location: SENE Section 6, T9S, R17E, S.L.B.&M.



Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY: S.H.	DATE SURVEYED: 05-04-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 07-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

RECEIVED: August 28, 2013

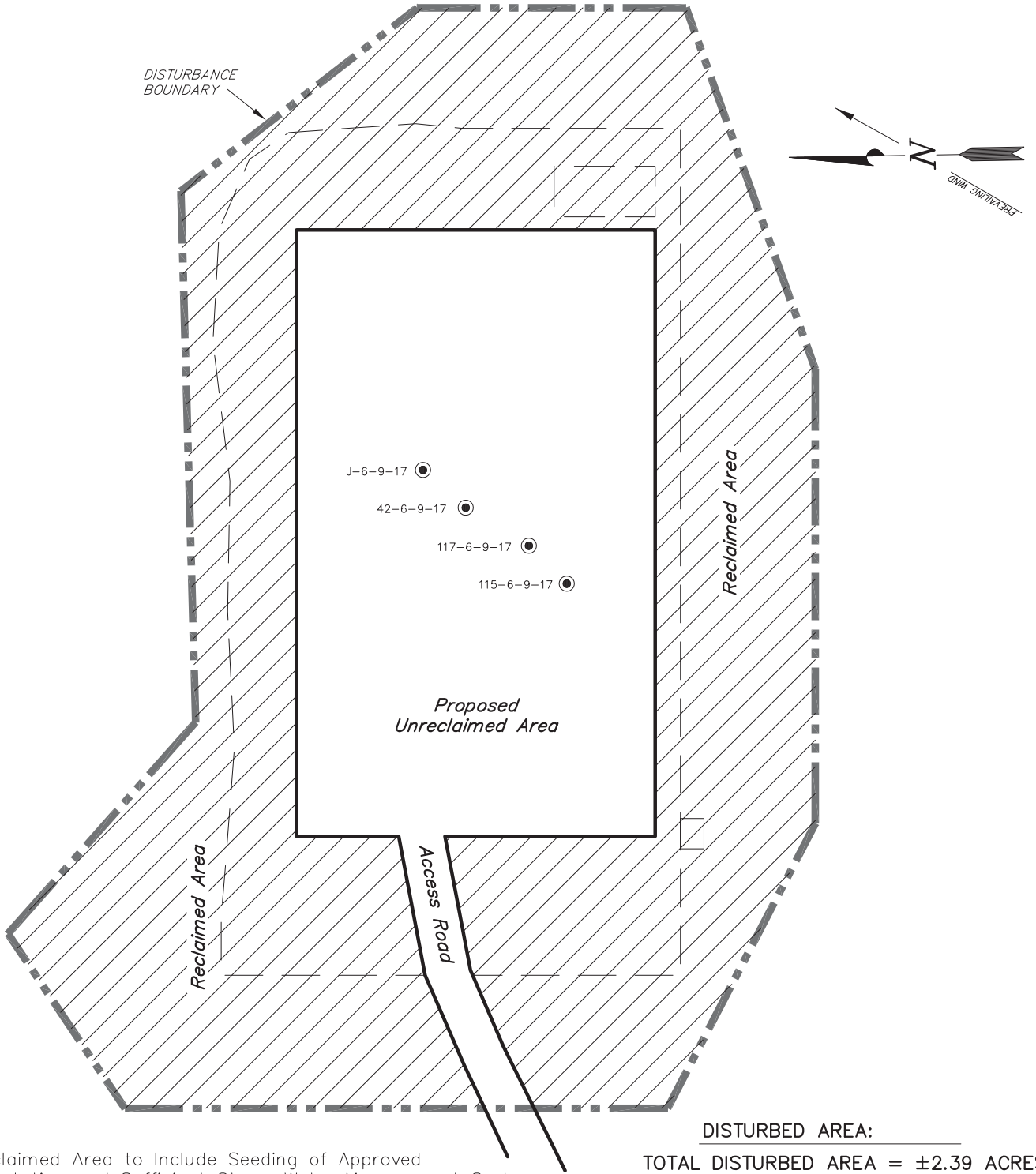
API Well Number: 43013524430000

NEWFIELD EXPLORATION COMPANY

RECLAMATION LAYOUT

42-6-9-17 (Existing Well)
117-6-9-17 (Proposed Well)
115-6-9-17 (Proposed Well)

Pad Location: SENE Section 6, T9S, R17E, S.L.B.&M.



Notes:
1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

DISTURBED AREA:

TOTAL DISTURBED AREA = ±2.39 ACRES
TOTAL RECLAIMED AREA = ±0.99 ACRES
UNRECLAIMED AREA = ±1.40 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 05-04-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 07-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

RECEIVED: August 28, 2013

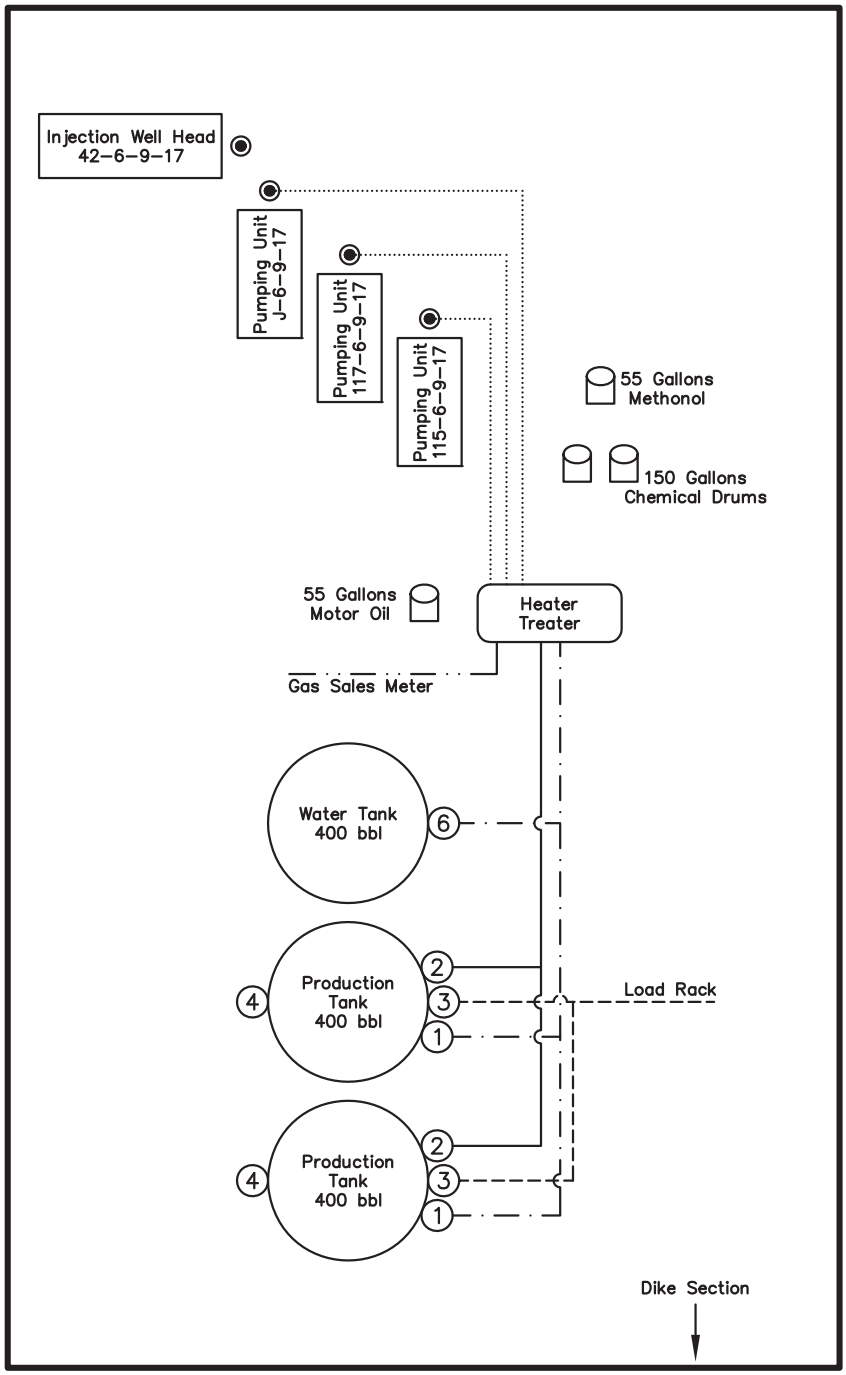
API Well Number: 43013524430000

NEWFIELD EXPLORATION COMPANY

PROPOSED SITE FACILITY DIAGRAM

42-6-9-17
J-6-9-17 UTU-020252A
117-6-9-17 UTU-020252A
115-6-9-17 UTU-020252A

Pad Location: SENE Section 6, T9S, R17E, S.L.B.&M.
Duchesne County, Utah



Legend

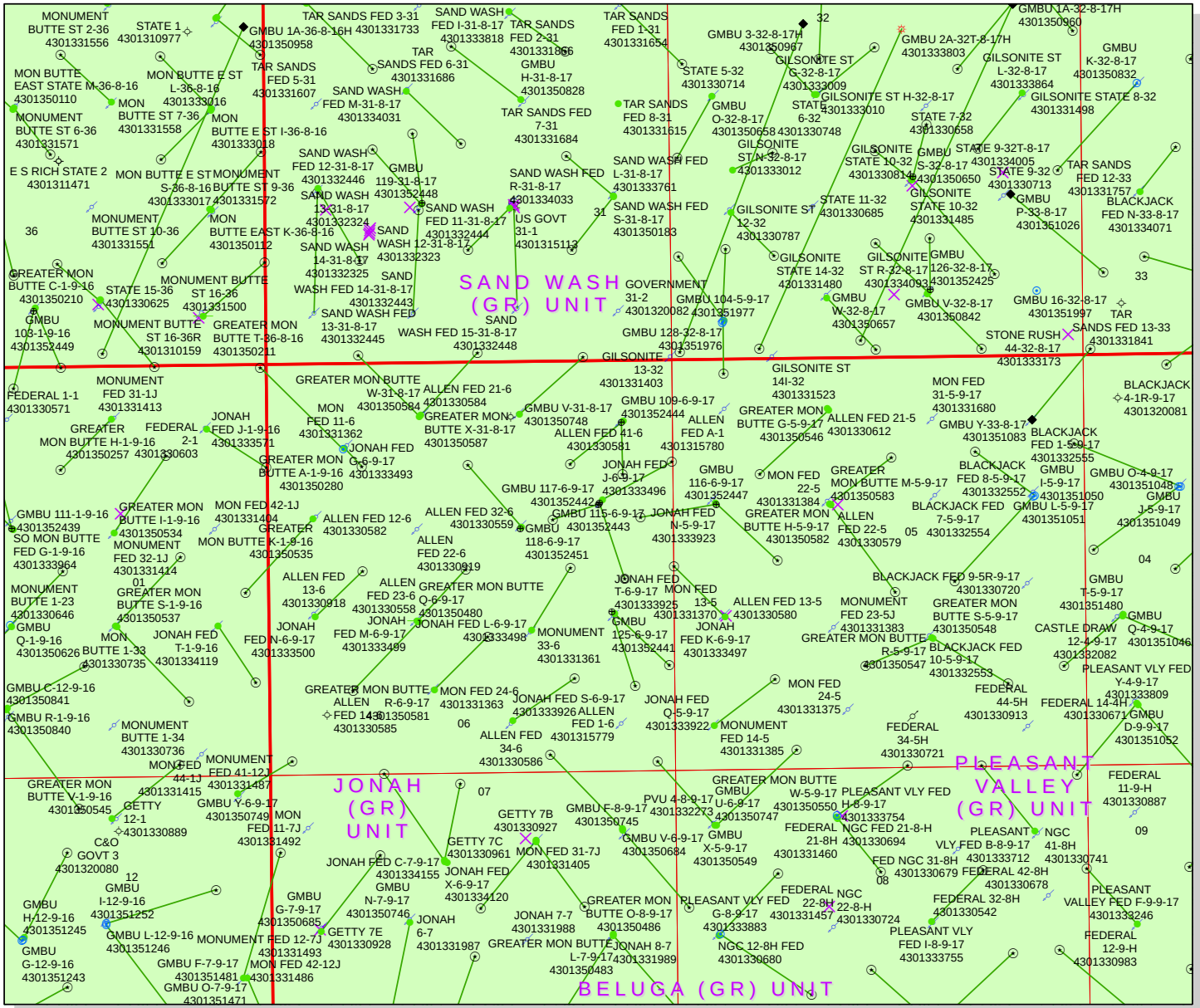
Emulsion Line	.....
Load Rack	- - - - - - - -
Water Line	— · — · —
Gas Sales	— · · — · · —
Oil Line	———

NOT TO SCALE

SURVEYED BY: S.H.	DATE SURVEYED: 05-04-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 07-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: NONE	REVISED:		

RECEIVED: August 28, 2013

API Well Number: 43013524430000



API Number: 4301352443

Well Name: GMBU 115-6-9-17

Township T09.0S Range R17.0E Section 06

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

1,700 850 0 1,700 Feet

1:15,885

RECEIVED: August 29, 2013

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:
3160
(UT-922)

September 3, 2013

Memorandum

To: Assistant Field Office Manager Minerals,
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52377	GMBU G-13-9-15	Sec 13 T09S R15E 1999 FNL 2250 FWL BHL Sec 13 T09S R15E 1137 FNL 0901 FWL
43-013-52388	GMBU Q-18-9-16	Sec 18 T09S R16E 1945 FSL 0590 FWL BHL Sec 18 T09S R16E 1188 FSL 1254 FWL
43-013-52389	GMBU N-18-9-16	Sec 18 T09S R16E 1964 FSL 0581 FWL BHL Sec 18 T09S R16E 2360 FNL 1449 FWL
43-013-52403	GMBU U-21-8-17	Sec 27 T08S R17E 0676 FNL 1301 FWL BHL Sec 21 T08S R17E 0312 FSL 0244 FEL
43-013-52404	GMBU A-33-8-17	Sec 34 T08S R17E 0685 FNL 0902 FWL BHL Sec 33 T08S R17E 0115 FNL 0137 FEL
43-013-52406	GMBU X-27-8-17	Sec 34 T08S R17E 0672 FNL 0918 FWL BHL Sec 27 T08S R17E 0477 FSL 1404 FWL
43-013-52407	GMBU E-13-9-15	Sec 11 T09S R15E 0636 FSL 0708 FEL BHL Sec 13 T09S R15E 0186 FNL 0208 FWL
43-013-52408	GMBU U-15-9-15	Sec 23 T09S R15E 0537 FNL 0687 FWL BHL Sec 15 T09S R15E 0172 FSL 0146 FEL
43-013-52409	GMBU G-23-9-15	Sec 23 T09S R15E 0558 FNL 0685 FWL BHL Sec 23 T09S R15E 1415 FNL 1497 FWL
43-013-52410	GMBU X-14-9-15	Sec 23 T09S R15E 0666 FNL 2006 FWL BHL Sec 14 T09S R15E 0160 FSL 1164 FWL

RECEIVED: September 03, 2013

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52411	GMBU G-22-9-15	Sec 22 T09S R15E 1909 FNL 1135 FWL BHL Sec 22 T09S R15E 1179 FNL 0772 FWL
43-013-52412	GMBU H-23-9-15	Sec 23 T09S R15E 0667 FNL 2027 FWL BHL Sec 23 T09S R15E 1413 FNL 2537 FEL
43-013-52413	GMBU H-22-9-15	Sec 22 T09S R15E 1926 FNL 1148 FWL BHL Sec 22 T09S R15E 1167 FNL 2319 FEL
43-013-52414	GMBU I-22-9-15	Sec 22 T09S R15E 1982 FNL 1880 FEL BHL Sec 22 T09S R15E 1060 FNL 1071 FEL
43-013-52415	GMBU G-3-9-17	Sec 03 T09S R17E 1902 FNL 1994 FWL BHL Sec 03 T09S R17E 1103 FNL 1262 FWL
43-013-52416	GMBU K-6-9-16	Sec 05 T09S R16E 2135 FNL 0675 FWL BHL Sec 06 T09S R16E 2336 FSL 0120 FEL
43-013-52417	GMBU J-6-9-16	Sec 05 T09S R16E 2115 FNL 0669 FWL BHL Sec 06 T09S R16E 1294 FNL 0058 FEL
43-013-52418	GMBU M-24-9-15	Sec 24 T09S R15E 2079 FNL 2071 FEL BHL Sec 24 T09S R15E 2317 FSL 2533 FWL
43-013-52419	GMBU L-24-9-15	Sec 24 T09S R15E 2096 FNL 2058 FEL BHL Sec 24 T09S R15E 2361 FSL 1235 FEL
43-013-52420	GMBU K-24-9-15	Sec 19 T09S R16E 1834 FNL 0481 FWL BHL Sec 24 T09S R15E 2410 FSL 0107 FEL
43-013-52421	GMBU J-24-9-15	Sec 19 T09S R16E 1831 FNL 0502 FWL BHL Sec 24 T09S R15E 1219 FNL 0112 FEL
43-013-52422	GMBU M-22-9-15	Sec 22 T09S R15E 2002 FNL 1873 FEL BHL Sec 22 T09S R15E 2516 FSL 1903 FWL
43-013-52423	GMBU B-19-9-16	Sec 18 T09S R16E 0637 FSL 2334 FEL BHL Sec 19 T09S R16E 0027 FNL 0752 FEL
43-013-52424	GMBU 118-32-8-17	Sec 32 T08S R17E 2310 FSL 2158 FEL BHL Sec 32 T08S R17E 2332 FNL 1981 FEL
43-013-52425	GMBU 126-32-8-17	Sec 32 T08S R17E 0861 FSL 1953 FEL BHL Sec 32 T08S R17E 1518 FSL 1952 FEL
43-013-52436	GMBU R-18-9-16	Sec 18 T09S R16E 1031 FSL 2024 FWL BHL Sec 18 T09S R16E 1543 FSL 2338 FEL
43-013-52437	GMBU I-26-9-15	Sec 23 T09S R15E 0713 FSL 1818 FEL BHL Sec 26 T09S R15E 1284 FNL 1375 FEL
43-013-52438	GMBU 112-1-9-16	Sec 01 T09S R16E 1945 FNL 0682 FWL BHL Sec 01 T09S R16E 1299 FNL 0716 FWL
43-013-52439	GMBU 111-1-9-16	Sec 01 T09S R16E 2071 FNL 2004 FWL BHL Sec 01 T09S R16E 1255 FNL 1803 FWL
43-013-52440	GMBU 118-10-9-16	Sec 10 T09S R16E 1983 FSL 1941 FEL BHL Sec 10 T09S R16E 2241 FNL 2129 FEL
43-013-52441	GMBU 125-6-9-17	Sec 06 T09S R17E 2065 FSL 0784 FEL BHL Sec 06 T09S R17E 1110 FSL 0492 FEL

RECEIVED: September 03, 2013

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52442	GMBU 117-6-9-17	Sec 06 T09S R17E 1826 FNL 0938 FEL
		BHL Sec 06 T09S R17E 2485 FSL 0619 FEL
43-013-52443	GMBU 115-6-9-17	Sec 06 T09S R17E 1841 FNL 0954 FEL
		BHL Sec 06 T09S R17E 2032 FNL 1536 FEL
43-013-52444	GMBU 109-6-9-17	Sec 06 T09S R17E 0798 FNL 0652 FEL
		BHL Sec 06 T09S R17E 1456 FNL 0638 FEL
43-013-52445	GMBU 110-34-8-16	Sec 34 T08S R16E 0691 FNL 1952 FEL
		BHL Sec 34 T08S R16E 1396 FNL 2028 FEL
43-013-52446	GMBU 102-35-8-16	Sec 26 T08S R16E 0640 FSL 1971 FEL
		BHL Sec 35 T08S R16E 0521 FNL 1700 FEL
43-013-52447	GMBU 116-6-9-17	Sec 05 T09S R17E 1861 FNL 0559 FWL
		BHL Sec 06 T09S R17E 2016 FNL 0410 FEL
43-013-52448	GMBU 119-31-8-17	Sec 31 T08S R17E 2051 FSL 2017 FWL
		BHL Sec 31 T08S R17E 2352 FNL 1902 FWL
43-013-52449	GMBU 103-1-9-16	Sec 36 T08S R16E 0721 FSL 2308 FWL
		BHL Sec 01 T09S R16E 0274 FNL 2041 FWL
43-013-52451	GMBU 118-6-9-17	Sec 06 T09S R17E 2143 FNL 1952 FEL
		BHL Sec 06 T09S R17E 2290 FSL 1960 FEL
43-013-52457	GMBU 2-26-9-15	Sec 23 T09S R15E 0692 FSL 1820 FEL
		BHL Sec 26 T09S R15E 0647 FNL 1950 FEL
43-013-52458	GMBU 11-18-9-16	Sec 18 T09S R16E 1026 FSL 2004 FWL
		BHL Sec 18 T09S R16E 1982 FSL 1865 FWL

This office has no objection to permitting the wells at this time.

Michael Coulthard

Digitally signed by Michael Coulthard
DN: cn=Michael Coulthard, o=Bureau of Land Management, ou=Division of Minerals, email=mcoultha@blm.gov, c=US
Date: 2013.09.03 08:22:36 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-3-13

RECEIVED: September 03, 2013

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/28/2013
API NO. ASSIGNED: 43013524430000
WELL NAME: GMBU 115-6-9-17
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)
PHONE NUMBER: 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: SENE 06 090S 170E
Permit Tech Review: ☑

SURFACE: 1841 FNL 0954 FEL
Engineering Review: ☐

BOTTOM: 2032 FNL 1536 FEL
Geology Review: ☑

COUNTY: DUCHESNE
LATITUDE: 40.06205
LONGITUDE: -110.04319
UTM SURF EASTINGS: 581600.00
NORTHINGS: 4435083.00
FIELD NAME: MONUMENT BUTTE
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-020252A
PROPOSED PRODUCING FORMATION(S): GREEN RIVER
SURFACE OWNER: 1 - Federal
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - WYB000493
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11
Effective Date: 11/30/2009
Siting: Suspends General Siting

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill

RECEIVED: September 17, 2013

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: GMBU 115-6-9-17
API Well Number: 43013524430000
Lease Number: UTU-020252A
Surface Owner: FEDERAL
Approval Date: 9/17/2013

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU 115-6-9-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013524430000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1841 FNL 0954 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 06 Township: 09.0S Range: 17.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 5/9/2014	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was placed on production on 05/09/2014 at 16:15 hours.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 23, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE		**DATE**
N/A		5/23/2014

RECEIVED: May. 23, 2014

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU020252A

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: UTU87538X

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: GMBU 115-6-9-17

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

3a. Phone No. (include area code): Ph:435-646-3721

9. API Well No.: 43-013-52443

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 1841' FNL 954' FEL (SE/NE) SEC 6 T9S R17E (UTU-20252A)

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC 6 T9S R17E Mer SLB

At top prod. interval reported below: 1982' FNL 1338' FEL (SW/NE) SEC 6 T9S R17E (UTU-20252A)

At total depth: 2031' FNL 1520' FEL (SW/NE) SEC 6 T9S R17E (UTU-20252A)

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
03/28/2014	04/11/2014	☐ D & A ☑ Ready to Prod. 05/06/2014	5310' GL 5320' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 6172' TVD 6140'	MD 6140' TVD	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24	0'	315'		155 CLASS G			
7-7/8"	5-1/2" J-55	15.50	0'	6165'		240 Econocem		0'	
						420Expandacem			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@6605'	TA@6448'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4238'	5982'	4238' - 5982' MD	0.34	90	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4238' - 5982' MD	Frac w/ 306,663#s of 20/40 white sand in 3263 bbls of Lightning 17 fluid, in 5 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/9/14	5/19/14	24	→	105	29	60			2.5 X 1.75 X 24' RHAC

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	3756'
				GARDEN GULCH 1	3958'
				GARDEN GULCH 2	4075'
				POINT 3	4337'
				X MRKR	4583'
				Y MRKR	4624'
				DOUGLAS CREEK MRK	4747'
				BI CARBONATE MRK	4988'
				B LIMESTONE MRK	5115'
				CASTLE PEAK	5589'
				BASAL CARBONATE	6021'
				WASATCH	6141'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 06/02/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 6 T9S, R17E
115-6-9-17
Wellbore #1

Design: Actual

End of Well Report

15 April, 2014

PAYZONE

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 115-6-9-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Site:	SECTION 6 T9S, R17E	**MD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Well:	115-6-9-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 6 T9S, R17E

Site Position:		**Northing:**	7,195,000.00 usft	**Latitude:**	40° 3' 47.061 N
From:	Lat/Long	**Easting:**	2,047,000.00 usft	**Longitude:**	110° 2' 50.009 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.93 °

Well 115-6-9-17, SHL LAT: 40 03 43.48 LONG: -110 02 35.90

Well Position	**+N/-S**	0.0 usft	**Northing:**	7,194,655.58 usft	**Latitude:**	40° 3' 43.480 N
	+E/-W	0.0 usft	**Easting:**	2,048,102.68 usft	**Longitude:**	110° 2' 35.900 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	5,320.0 usft	**Ground Level:**	5,310.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/2/2014	10.95	65.74	52,008

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	251.44

Survey Program **Date** 4/15/2014

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
349.0	6,171.5	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 115-6-9-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Site:	SECTION 6 T9S, R17E	**MD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Well:	115-6-9-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
349.0	2.14	227.74	348.9	6.0	-4.4	-4.8	0.61	0.61	0.00
380.0	1.98	229.27	379.9	7.0	-5.1	-5.7	0.55	-0.52	4.94
411.0	2.07	226.19	410.9	8.0	-5.9	-6.5	0.46	0.29	-9.94
442.0	2.24	234.28	441.9	9.1	-6.6	-7.4	1.12	0.55	26.10
472.0	2.37	235.60	471.8	10.2	-7.3	-8.4	0.47	0.43	4.40
503.0	2.11	218.81	502.8	11.3	-8.1	-9.2	2.27	-0.84	-54.16
534.0	2.15	210.00	533.8	12.3	-9.0	-9.9	1.06	0.13	-28.42
565.0	1.89	206.46	564.8	13.0	-10.0	-10.4	0.93	-0.84	-11.42
596.0	2.20	224.74	595.7	13.9	-10.9	-11.1	2.32	1.00	58.97
626.0	2.33	222.85	625.7	15.0	-11.7	-11.9	0.50	0.43	-6.30
657.0	2.72	229.49	656.7	16.2	-12.7	-12.9	1.57	1.26	21.42
688.0	3.30	235.00	687.7	17.8	-13.7	-14.1	2.09	1.87	17.77
719.0	4.00	238.30	718.6	19.7	-14.8	-15.8	2.36	2.26	10.65
749.0	3.96	233.49	748.5	21.7	-15.9	-17.5	1.12	-0.13	-16.03
780.0	4.17	242.98	779.4	23.8	-17.1	-19.4	2.27	0.68	30.61
811.0	4.60	245.35	810.3	26.2	-18.1	-21.5	1.50	1.39	7.65
842.0	5.23	248.91	841.2	28.8	-19.1	-24.0	2.26	2.03	11.48
872.0	5.01	251.86	871.1	31.5	-20.0	-26.5	1.14	-0.73	9.83
903.0	5.41	256.86	902.0	34.3	-20.8	-29.2	1.95	1.29	16.13
934.0	6.15	259.81	932.8	37.4	-21.4	-32.3	2.57	2.39	9.52
965.0	6.24	261.83	963.6	40.7	-21.9	-35.6	0.76	0.29	6.52
995.0	6.20	258.41	993.5	43.9	-22.5	-38.8	1.24	-0.13	-11.40
1,026.0	6.37	258.58	1,024.3	47.3	-23.2	-42.1	0.55	0.55	0.55
1,070.0	6.94	259.55	1,068.0	52.3	-24.1	-47.1	1.32	1.30	2.20
1,114.0	7.38	256.21	1,111.6	57.8	-25.3	-52.5	1.38	1.00	-7.59
1,158.0	7.51	255.24	1,155.3	63.5	-26.7	-58.0	0.41	0.30	-2.20

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 115-6-9-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Site:	SECTION 6 T9S, R17E	**MD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Well:	115-6-9-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
1,201.0	7.65	252.74	1,197.9	69.1	-28.3	-63.4	0.83	0.33	-5.81
1,245.0	7.43	252.40	1,241.5	74.9	-30.0	-68.9	0.51	-0.50	-0.77
1,289.0	7.38	252.17	1,285.2	80.6	-31.7	-74.3	0.13	-0.11	-0.52
1,333.0	7.34	253.97	1,328.8	86.2	-33.4	-79.7	0.53	-0.09	4.09
1,377.0	7.50	253.10	1,372.4	91.9	-35.0	-85.2	0.44	0.36	-1.98
1,421.0	7.30	252.80	1,416.1	97.5	-36.6	-90.6	0.46	-0.45	-0.68
1,464.0	7.00	253.20	1,458.7	102.9	-38.2	-95.7	0.71	-0.70	0.93
1,508.0	7.10	251.40	1,502.4	108.3	-39.8	-100.9	0.55	0.23	-4.09
1,552.0	6.90	249.80	1,546.1	113.7	-41.6	-105.9	0.63	-0.45	-3.64
1,596.0	6.80	249.10	1,589.7	118.9	-43.5	-110.8	0.30	-0.23	-1.59
1,640.0	6.30	249.30	1,633.5	123.9	-45.2	-115.5	1.14	-1.14	0.45
1,683.0	5.90	247.10	1,676.2	128.5	-46.9	-119.8	1.08	-0.93	-5.12
1,727.0	5.60	249.50	1,720.0	132.9	-48.6	-123.9	0.87	-0.68	5.45
1,771.0	5.30	245.30	1,763.8	137.0	-50.2	-127.7	1.13	-0.68	-9.55
1,815.0	5.10	242.30	1,807.6	141.0	-51.9	-131.3	0.77	-0.45	-6.82
1,859.0	5.20	244.60	1,851.4	144.9	-53.7	-134.8	0.52	0.23	5.23
1,902.0	5.30	244.30	1,894.3	148.8	-55.4	-138.4	0.24	0.23	-0.70
1,946.0	5.20	245.90	1,938.1	152.8	-57.1	-142.0	0.40	-0.23	3.64
1,990.0	5.20	246.80	1,981.9	156.8	-58.7	-145.7	0.19	0.00	2.05
2,034.0	5.30	250.50	2,025.7	160.8	-60.2	-149.4	0.80	0.23	8.41
2,078.0	5.50	259.80	2,069.5	164.9	-61.2	-153.4	2.04	0.45	21.14
2,121.0	5.30	258.60	2,112.3	168.9	-62.0	-157.4	0.53	-0.47	-2.79
2,165.0	5.00	256.70	2,156.1	172.9	-62.8	-161.3	0.78	-0.68	-4.32
2,209.0	5.20	256.30	2,200.0	176.8	-63.7	-165.1	0.46	0.45	-0.91
2,253.0	4.80	253.10	2,243.8	180.6	-64.7	-168.8	1.11	-0.91	-7.27
2,297.0	5.20	258.70	2,287.6	184.4	-65.7	-172.5	1.43	0.91	12.73
2,340.0	5.30	262.40	2,330.5	188.3	-66.3	-176.3	0.82	0.23	8.60

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 115-6-9-17
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Site:	SECTION 6 T9S, R17E	**MD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Well:	115-6-9-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
2,384.0	6.30	263.70	2,374.2	192.6	-66.8	-180.8	2.29	2.27	2.95
2,428.0	6.20	259.40	2,418.0	197.3	-67.5	-185.5	1.09	-0.23	-9.77
2,472.0	6.00	256.20	2,461.7	202.0	-68.5	-190.1	0.90	-0.45	-7.27
2,515.0	7.00	254.80	2,504.4	206.8	-69.7	-194.8	2.35	2.33	-3.26
2,559.0	7.50	252.40	2,548.1	212.4	-71.3	-200.1	1.33	1.14	-5.45
2,603.0	7.00	248.60	2,591.7	217.9	-73.2	-205.3	1.57	-1.14	-8.64
2,647.0	6.20	242.50	2,635.4	223.0	-75.2	-209.9	2.42	-1.82	-13.86
2,691.0	6.10	239.90	2,679.2	227.6	-77.5	-214.1	0.67	-0.23	-5.91
2,735.0	6.02	244.70	2,722.9	232.2	-79.7	-218.2	1.17	-0.18	10.91
2,778.0	5.93	245.84	2,765.7	236.6	-81.5	-222.2	0.35	-0.21	2.65
2,822.0	6.50	241.68	2,809.5	241.4	-83.6	-226.5	1.65	1.30	-9.45
2,866.0	6.37	245.49	2,853.2	246.2	-85.8	-230.9	1.01	-0.30	8.66
2,910.0	7.10	249.60	2,896.9	251.4	-87.8	-235.7	1.99	1.66	9.34
2,954.0	7.60	254.45	2,940.5	257.0	-89.5	-241.0	1.81	1.14	11.02
2,997.0	7.80	250.45	2,983.1	262.8	-91.3	-246.5	1.33	0.47	-9.30
3,041.0	7.16	247.90	3,026.8	268.5	-93.3	-251.9	1.64	-1.45	-5.80
3,085.0	7.12	248.18	3,070.4	273.9	-95.3	-257.0	0.12	-0.09	0.64
3,129.0	6.46	246.96	3,114.1	279.1	-97.3	-261.8	1.54	-1.50	-2.77
3,173.0	6.99	244.61	3,157.8	284.3	-99.4	-266.5	1.36	1.20	-5.34
3,216.0	6.90	242.32	3,200.5	289.4	-101.8	-271.1	0.68	-0.21	-5.33
3,260.0	7.43	247.33	3,244.1	294.9	-104.1	-276.1	1.86	1.20	11.39
3,304.0	7.65	247.95	3,287.8	300.6	-106.3	-281.4	0.53	0.50	1.41
3,348.0	7.03	249.40	3,331.4	306.2	-108.3	-286.7	1.47	-1.41	3.30
3,392.0	7.40	252.12	3,375.1	311.8	-110.1	-291.9	1.14	0.84	6.18
3,435.0	7.56	252.78	3,417.7	317.4	-111.8	-297.2	0.42	0.37	1.53
3,479.0	7.46	251.64	3,461.3	323.1	-113.6	-302.7	0.41	-0.23	-2.59
3,523.0	7.03	249.57	3,505.0	328.6	-115.4	-307.9	1.14	-0.98	-4.70

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 115-6-9-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Site:	SECTION 6 T9S, R17E	**MD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Well:	115-6-9-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
3,567.0	7.21	250.10	3,548.6	334.1	-117.3	-313.0	0.44	0.41	1.20
3,611.0	6.72	246.32	3,592.3	339.4	-119.3	-318.0	1.52	-1.11	-8.59
3,654.0	6.33	245.27	3,635.0	344.3	-121.3	-322.5	0.95	-0.91	-2.44
3,698.0	6.24	250.63	3,678.7	349.1	-123.1	-326.9	1.35	-0.20	12.18
3,742.0	6.06	247.42	3,722.5	353.8	-124.8	-331.3	0.88	-0.41	-7.30
3,786.0	6.37	249.88	3,766.2	358.6	-126.5	-335.7	0.93	0.70	5.59
3,830.0	6.50	246.90	3,810.0	363.5	-128.3	-340.3	0.81	0.30	-6.77
3,873.0	6.30	246.40	3,852.7	368.3	-130.2	-344.7	0.48	-0.47	-1.16
3,917.0	6.50	253.00	3,896.4	373.1	-131.9	-349.3	1.73	0.45	15.00
3,961.0	6.10	251.80	3,940.2	378.0	-133.4	-353.9	0.96	-0.91	-2.73
4,005.0	6.60	254.40	3,983.9	382.8	-134.8	-358.6	1.31	1.14	5.91
4,049.0	7.10	258.50	4,027.6	388.1	-136.0	-363.7	1.59	1.14	9.32
4,092.0	7.30	259.40	4,070.2	393.4	-137.0	-369.0	0.53	0.47	2.09
4,136.0	6.90	254.00	4,113.9	398.8	-138.3	-374.3	1.77	-0.91	-12.27
4,180.0	6.40	252.60	4,157.6	403.9	-139.7	-379.1	1.19	-1.14	-3.18
4,224.0	6.30	249.90	4,201.3	408.8	-141.3	-383.8	0.72	-0.23	-6.14
4,268.0	5.80	249.20	4,245.1	413.4	-142.9	-388.1	1.15	-1.14	-1.59
4,311.0	5.90	254.80	4,287.9	417.8	-144.3	-392.3	1.35	0.23	13.02
4,355.0	6.00	258.10	4,331.6	422.3	-145.3	-396.7	0.81	0.23	7.50
4,399.0	5.70	252.60	4,375.4	426.8	-146.5	-401.0	1.44	-0.68	-12.50
4,443.0	5.50	249.00	4,419.2	431.1	-147.9	-405.1	0.92	-0.45	-8.18
4,487.0	5.40	248.80	4,463.0	435.3	-149.4	-409.0	0.23	-0.23	-0.45
4,530.0	5.30	250.90	4,505.8	439.3	-150.8	-412.7	0.51	-0.23	4.88
4,574.0	5.50	258.20	4,549.6	443.4	-151.9	-416.7	1.62	0.45	16.59
4,618.0	5.27	254.76	4,593.4	447.5	-152.8	-420.7	0.90	-0.52	-7.82
4,662.0	5.14	252.69	4,637.2	451.5	-153.9	-424.6	0.52	-0.30	-4.70
4,705.0	5.27	252.87	4,680.0	455.4	-155.1	-428.3	0.30	0.30	0.42

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 115-6-9-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Site:	SECTION 6 T9S, R17E	**MD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Well:	115-6-9-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
4,749.0	5.41	250.23	4,723.9	459.5	-156.4	-432.2	0.64	0.32	-6.00
4,793.0	4.97	247.77	4,767.7	463.5	-157.8	-435.9	1.12	-1.00	-5.59
4,837.0	4.92	243.68	4,811.5	467.2	-159.4	-439.4	0.81	-0.11	-9.30
4,881.0	5.67	246.72	4,855.3	471.3	-161.1	-443.0	1.82	1.70	6.91
4,925.0	6.24	253.44	4,899.1	475.8	-162.6	-447.3	2.04	1.30	15.27
4,968.0	6.59	259.77	4,941.8	480.6	-163.7	-452.0	1.83	0.81	14.72
5,012.0	6.20	259.07	4,985.5	485.5	-164.6	-456.8	0.90	-0.89	-1.59
5,056.0	6.01	258.64	5,029.3	490.1	-165.5	-461.4	0.44	-0.43	-0.98
5,100.0	5.49	254.14	5,073.1	494.5	-166.6	-465.7	1.56	-1.18	-10.23
5,143.0	5.10	252.34	5,115.9	498.4	-167.7	-469.5	0.99	-0.91	-4.19
5,187.0	4.70	251.95	5,159.7	502.2	-168.8	-473.1	0.91	-0.91	-0.89
5,231.0	4.92	256.30	5,203.6	505.9	-169.9	-476.6	0.97	0.50	9.89
5,275.0	5.14	257.31	5,247.4	509.7	-170.7	-480.4	0.54	0.50	2.30
5,319.0	5.54	259.11	5,291.2	513.8	-171.6	-484.4	0.99	0.91	4.09
5,362.0	5.19	261.00	5,334.0	517.8	-172.3	-488.3	0.91	-0.81	4.40
5,406.0	5.10	264.91	5,377.8	521.6	-172.7	-492.3	0.82	-0.20	8.89
5,450.0	5.41	271.24	5,421.7	525.5	-172.9	-496.3	1.49	0.70	14.39
5,494.0	5.00	269.10	5,465.5	529.3	-172.9	-500.3	1.03	-0.93	-4.86
5,537.0	4.80	260.20	5,508.3	532.8	-173.2	-503.9	1.83	-0.47	-20.70
5,581.0	4.40	258.00	5,552.2	536.3	-173.9	-507.4	0.99	-0.91	-5.00
5,625.0	4.50	256.70	5,596.1	539.7	-174.6	-510.7	0.32	0.23	-2.95
5,669.0	4.70	256.80	5,639.9	543.2	-175.4	-514.1	0.45	0.45	0.23
5,713.0	5.80	254.80	5,683.7	547.3	-176.4	-518.0	2.53	2.50	-4.55
5,757.0	6.70	255.90	5,727.5	552.0	-177.6	-522.7	2.06	2.05	2.50
5,800.0	6.60	253.70	5,770.2	557.0	-178.9	-527.5	0.64	-0.23	-5.12
5,844.0	6.50	254.50	5,813.9	562.0	-180.3	-532.3	0.31	-0.23	1.82
5,888.0	7.10	257.00	5,857.6	567.2	-181.6	-537.4	1.52	1.36	5.68

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 115-6-9-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Site:	SECTION 6 T9S, R17E	**MD Reference:**	115-6-9-17 @ 5320.0usft (SS #2)
Well:	115-6-9-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
5,932.0	7.00	256.70	5,901.2	572.6	-182.8	-542.6	0.24	-0.23	-0.68
5,976.0	6.40	255.90	5,944.9	577.7	-184.0	-547.6	1.38	-1.36	-1.82
6,019.0	6.00	254.30	5,987.7	582.3	-185.2	-552.1	1.01	-0.93	-3.72
6,063.0	5.60	253.00	6,031.5	586.8	-186.5	-556.4	0.96	-0.91	-2.95
6,107.0	5.60	253.70	6,075.3	591.1	-187.7	-560.5	0.16	0.00	1.59
6,119.0	5.40	250.80	6,087.2	592.2	-188.0	-561.6	2.85	-1.67	-24.17
6,171.5	4.50	238.10	6,139.5	596.7	-189.9	-565.6	2.69	-1.71	-24.19

Checked By: _____ Approved By: _____ Date: _____

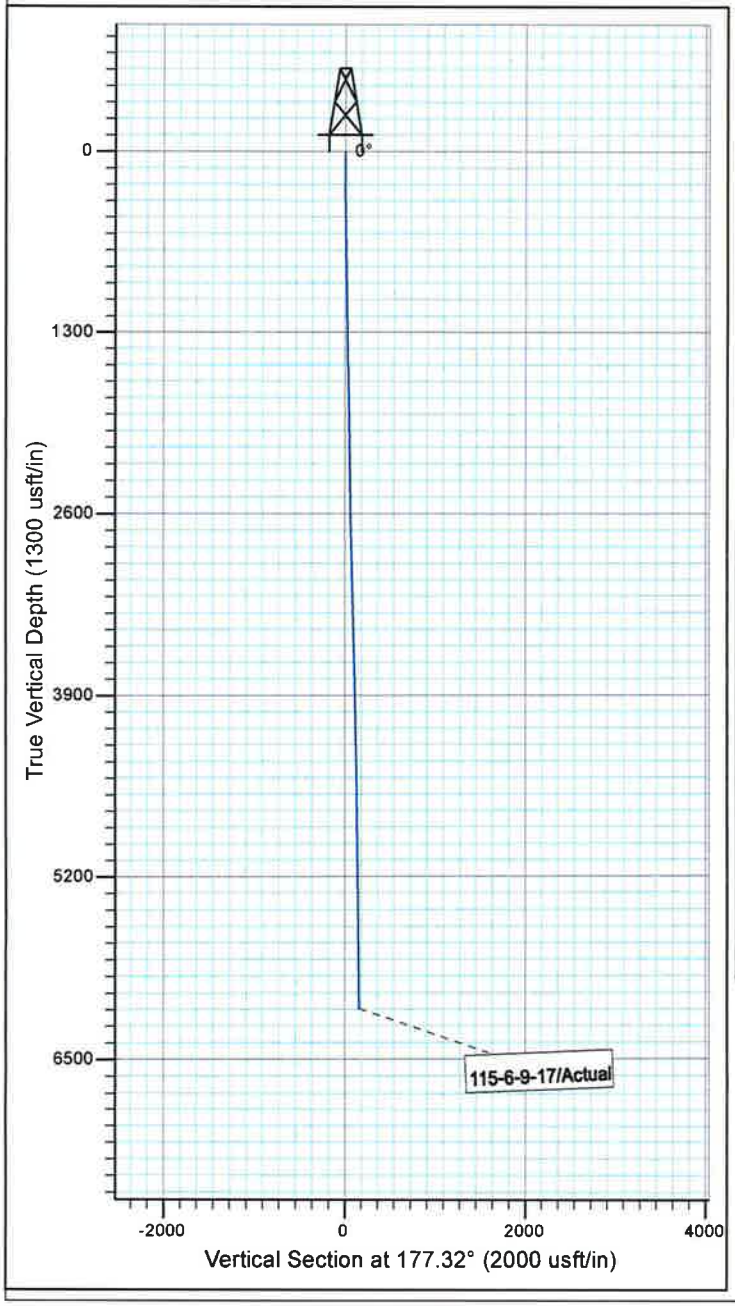
NEWFIELD

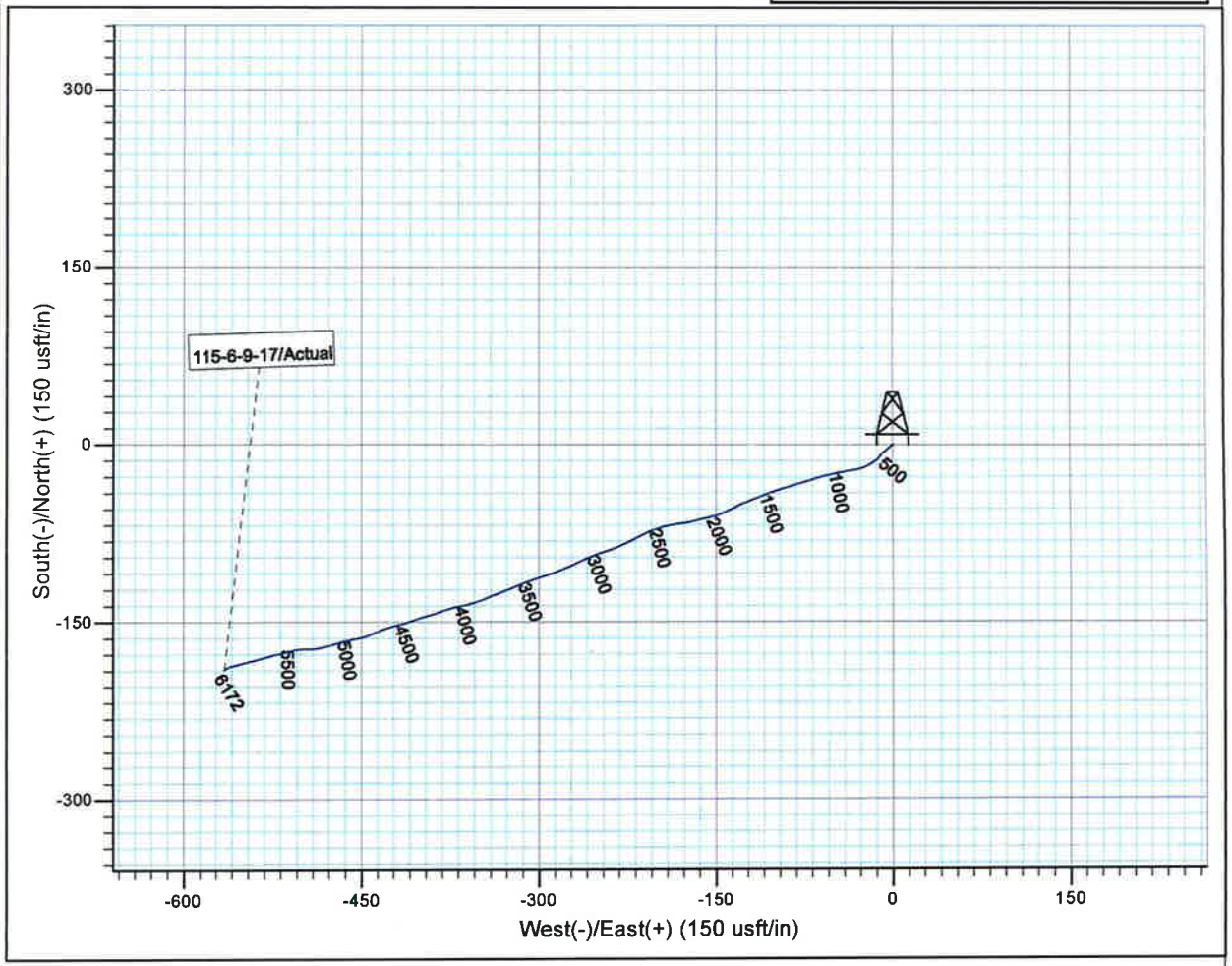
Project: USGS Myton SW (UT)
Site: SECTION 6 T9S, R17E
Well: 115-6-9-17
Wellbore: Wellbore #1
Design: Actual

T M

Azimuths to True North
Magnetic North: 10.95°

Magnetic Field
Strength: 52007.7snT
Dip Angle: 65.74°
Date: 4/2/2014
Model: IGRF2010





PATZONE

Design: Actual (115-6-9-17/Wellbore #1)

Created By: Matthew Linton Date: 14:41, April 14 2014

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

Sundry Number: 51817 API Well Number: 43013524430000

NEWFIELD

Summary Rig Activity

Well Name: GMBU 115-6-9-17

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
4/22/2014	4/23/2014	CBL/psi test

Start Time	End Time	Comment
07:00	13:00	
13:00	14:00	RU Perforators Wireline
14:00	15:30	RIH w/CBL tools. Run log from 6125' to surface under 0 spi. Estimated cement top @ surface. SJ @ 3514-25.5'.
15:30	17:00	RU B&C Quicktest. PSI test csg/BOP/frac valve-good
17:00	07:00	

Report Start Date	Report End Date	24hr Activity Summary
4/23/2014	4/24/2014	Awaiting CHDT log

Start Time	End Time	Comment

Report Start Date	Report End Date	24hr Activity Summary
4/24/2014	4/25/2014	Awaiting CHDT log

Start Time	End Time	Comment

Report Start Date	Report End Date	24hr Activity Summary
4/25/2014	4/26/2014	Awaiting CHDT log

Start Time	End Time	Comment

Report Start Date	Report End Date	24hr Activity Summary
4/26/2014	4/27/2014	Schlumberger showed up at 10:00 to do the CHDT log (Job Costs are Associated with LOGGING JOB TYPE)

Start Time	End Time	Comment
00:00	08:00	Well is shut in and secure
08:00	08:30	The Perfforators showed up with craned and RU.
08:30	10:00	Waited on Shlumberger to get to location. Schlumberger said they would be on location atg 09:00.
10:00	12:30	Schlumberger showed up at 10:00 to start RU process.
12:30	18:30	Schlumberger started in the hole with the CHDT tool string.

Report Start Date	Report End Date	24hr Activity Summary
4/30/2014	5/1/2014	Perf stg 1, frac stg 1-3, perf stg4

Start Time	End Time	Comment
00:00	06:00	
06:00	07:00	MIRU Perforators wireline
07:00	08:00	RIH w/3 1/8"slick guns (16g, 0.34 EH, 21.00 pen). Perforate stg 1 @ CP5 5980-82', 5946-48', 5941-43', 5930-32' w/ 2spf for total of 16 shots.
08:00	12:00	Wait on Nabors frac crew to finishprevious well & move over.
12:00	13:30	MIRU Nabors frac crew

NEWFIELD

Summary Rig Activity

Well Name: GMBU 115-6-9-17

Start Time	End Time	Comment
13:30	13:45	Location safety mtg, pre-frac
13:45	14:00	PSI test all frac iron & equipment
14:00	14:15	Stage #1, CP5 sands. 256 psi on well. Frac CP5 sds w/24,958#s of 20/40 White sand in 157 bbls 17# Crosslinked fluid. Broke @ 3333 psi @ 1.9 BPM. ISIP 1535 psi, FG=.70, Treated w/ ave pressure of 2874 psi @ ave rate of 28.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISDP 1806 psi. FG=.75 5 min SIP 1680 psi, 10 min SIP 1607 psi, 15 min SIP 1571 psi. Leave pressure on well. 444 total BWTR
14:15	15:15	RU Perforators WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 5860'. Perforate CP1 & CP3 @ 5773-75', 5762-65', 5755-56', 5747-48', 5663-65', 5647-49' w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 22 shots.
15:15	15:45	Stage #2, CP1 & CP3 sands. 1384 psi on well. CP1 & CP3 sds w/65,462#s of 20/40 White sand in 369 bbls 17# Crosslinked fluid. Broke @ 1765 psi @ 3.0 BPM. Treated w/ ave pressure of 2440 psi @ ave rate of 46.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 1684 psi. FG=.74, 5 min SIP 1538 psi, 10 min SIP 1505 psi, 15 min SIP 1468 psi. Leave pressure on well. 697 total BWTR
15:45	16:30	RU Perforators WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 5340'. Perforate A1 sands @ 5265-67', 5258-60', 5252-54', 5240-41', 5234-35', 5219-21' w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 20 shots.
16:30	17:00	Stage #3, A1 sands. 1113 psi on well. Frac A1 sds w/75,249#s of 20/40 White sand in 416 bbls 17# Delta 140 fluid. Broke @ 1212 psi @ 3.0 BPM. Treated w/ ave pressure of 2400 psi @ ave rate of 42.3 BPM. Pumped 504 gal of 15% HCL in flush for Stage #4. ISDP 1841 psi. FG=.80, 5 min SIP 1768 psi, 10 min SIP 1732 psi, 15 min SIP 1707 psi. Leave pressure on well. 709 total BWTR
17:00	18:00	RU Perforators WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 5030'. Perforate D1, D2, D3 & C sands @ 4947-49', 4938-40', 4928-30', 4906-08', 4830-32', 4762-63' w/3 1/8"slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 22 shots
18:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
5/1/2014	5/2/2014	frac remaining stgs, flowback

Start Time	End Time	Comment
00:00	06:00	
06:00	06:15	Location safety mtg, pre-frac
06:15	06:30	PSI test all frac iron & equipment

Start Time	End Time	Comment
06:30	07:00	Stage #4, D1, D2, D3 & C sands. 893 psi on well. Frac D1, D2, D3 & C sds w/100,654#s of 20/40 White sand in 592 bbls 17# Crosslinked fluid. Broke @ 1239 psi @ 1.9 BPM. Treated w/ ave pressure of 2675 psi @ ave rate of 43.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2044 psi. FG=.86, 5 min SIP 1992 psi, 10 min SIP 1970 psi, 15 min SIP 1941 psi. Leave pressure on well. 911 total BWTR
07:00	08:00	RU Perforators WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 4380'. Perforate GB6 & GB4 sands @ 4298-4301', 4289-90', 4242-43', 4238-39' w/3 1/8"slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 12 shots.
08:00	08:30	Stage #5, GB6 & GB4 sands. 1685 psi on well. Frac GB6 & GB4 sds w/40,340#s of 20/40 White sand in 321 bbls 17# Crosslinked fluid. Broke @ 1992 psi @ 1.7 BPM. Treated w/ ave pressure of 2609 psi @ ave rate of 36.8 BPM. ISDP 2055 psi. FG= .93, 5 min SIP 1904 psi, 10 min SIP 1846 psi, 15 min SIP 1824 psi. 502 total BWTR
08:30	13:30	Open well to flowback tank @ approx. 3bpm. Returned approx. 500 bbls, turned to oil.
13:30	14:30	RIH w/Weatherford composite bridge plug. Set KP @ 4160'. Bleed pressure off well until dead.
14:30	16:30	Move rig Nabors 1608 11 miles to location, wait for frac crew to move, move rig onto location.
16:30	17:30	ND frac valve, NU knight BOPs with winch truck
17:30	19:30	Spot in and RU rig. Ready to test BOPs in am.
19:30	20:30	
20:30	00:00	

Report Start Date	Report End Date	24hr Activity Summary
5/2/2014	5/3/2014	MIRUSU/drill out KP, attempt to kill well

Start Time	End Time	Comment
00:00	06:00	
06:00	07:00	Crew travel & safety mtg
07:00	10:00	RU B&C Quiktest. Had a cpl leaks on the flanges/pipe ram rubbers required more pressure to get a solid test. Spotted pipe racks & unloaded tbg w/forklift. Crew RU workfloor & changed over for tbg.
10:00	13:00	MU 4 3/4" bit w/bit sub, PU 127 jts 2 7/8" J55 tbg & tagged KP @ 4160' (no fill).
13:00	15:00	Spot in RBS swvl, RU swvl, run hardline to well.
15:00	16:00	Pressure test lines & check for leaks, break circ., drill up KP (45min) due to pressure under KP.
16:00	19:00	After drilling up KP, crew broke connection to PU another jt & tbg was flowing too hard to make new connection. Stab TIW valve, hook up to keep pumping dwn tbg, up csg, flowing 3-4 BPM/ Filled the 500bbl flat tank. SWIFN. SICP was 475 both sides.

NEWFIELD

Summary Rig Activity

Well Name: GMBU 115-6-9-17

Start Time	End Time	Comment
19:00	20:00	
20:00	23:00	

Report Start Date	Report End Date	24hr Activity Summary
5/5/2014	5/6/2014	drillout plugs, c/o to bottom, RT tbg

Start Time	End Time	Comment
00:00	06:00	1.25
06:00	07:00	Crew travel & safety mtg
07:00	09:00	SICP 675, SITP 675, bleed csg dwn til tbg died off, PU 6 jts and tag plug @ 4380' (no fill)
09:00	10:00	Down to replace swabs on mud pump
10:00	10:30	Break circ., drill plug @ 4380' (15min).
10:30	11:30	PU 10 jts using swvl, tag plug @ 5025' (no fill), break circ., drill plug (20min).
11:30	12:30	RD swvl/ PU 19 jts, tag plug @ 5340' (no fill), RU swvl, break circ. drill plug (20min)
12:30	14:15	RD swvl, PU 12 jts, tag fill @ 5730' (130' fill), RU swvl, break circ., clean fill to plug @ 5860', drill plug (30min).
14:15	15:45	PU 5 jts, tag fill @ 6030' (110' fill), break circ., clean out to PBTD @ 6140'
15:45	17:00	RD swvl, circ clean w/220 bbls dwn tbg up csg, kill well
17:00	19:00	LD 3 jts, POOH w/ 183 jts tbgm break off bit & bit sub.
19:00	20:00	MU BHA, PV, 2 jts, Desander, 4' pup jt, 1 jt, PSN, 1 jt, TAC, & TIH w/40 jts 2 7/8" J55 tbg, stab drill rubber, SWIFN, celan tools. EOT @ 1500'
20:00	21:00	
21:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
5/6/2014	5/7/2014	land tbg/RIH w/rods & pump. PWOP

Start Time	End Time	Comment
00:00	06:00	
06:00	07:00	Crew travel & safety mtg
07:00	08:00	SICP 400#, SITP 300#. bleed dwn csg, pump 60 bbls dwn tbg.
08:00	09:30	TIH w/140 jts tbg (183 jts total in hole). csg still flowing

NEWFIELD

Summary Rig Activity

Well Name: GMBU 115-6-9-17

Start Time	End Time	Comment
09:30	12:15	TIE BACK TO SINGLE LINE, SET ANCHOR (HAD TROUBLE SETTING ANCHOR BUT DID GET IT TO SET), R/D WORK FLOOR, N/D BOPS, LAND WELL ON HANGER W/ 18K TENSION, N/U WELL HEAD, N/D FRAC VALVE ON 117-6-9-17, N/U DRILL OUT STACK ON 117-6-9-17, TIE RIG BACK TO DOUBLE LINE, XO FOR RODS
12:15	15:45	SPOT IN ROD TRAILER, P/U NATIONAL PUMP2.5 X 1.75 X 24', PRIME PUMP (GOOD), P/U 30 7/8 8 PERS, 124 3/4 4 PERS, 31 7/8 4 PERS, 51 7/8 PERS, SPACE WELL W/ 4' AND 2' PONY, P/U POLISH ROD. PLACE PUMP 1 FT OFF TAG
15:45	16:45	TBG WAS FULL, STROKE TEST PUMP W/ RIG TO 800 PSI (GOOD), ROLL UNIT (HAD TO CALL PUMPER TO RESTART UNIT) HANG HORSE HEAD.
16:45	18:30	R/D RIG, SPOT IN RIG ON THE 117-6-9-17, SDFN, READY TO R/U IN THE MORNING
18:30	19:30	
19:30	23:00	